$5.00

1952-2002. Celebrating our 50th Year!

HAMVENTION®

2002

May 17, 18 & 19, 2002

Emergency Communications & Preparedness.

HF Bands

NOVICE/TECHNICIAN W/CODE, CW*

NOVICE/TECHNICIAN PLUS, VOICE*

GENERAL VOICE, CW, SSTV, FAX

ADVANCED VOICE, CW, SSTV, FAX*

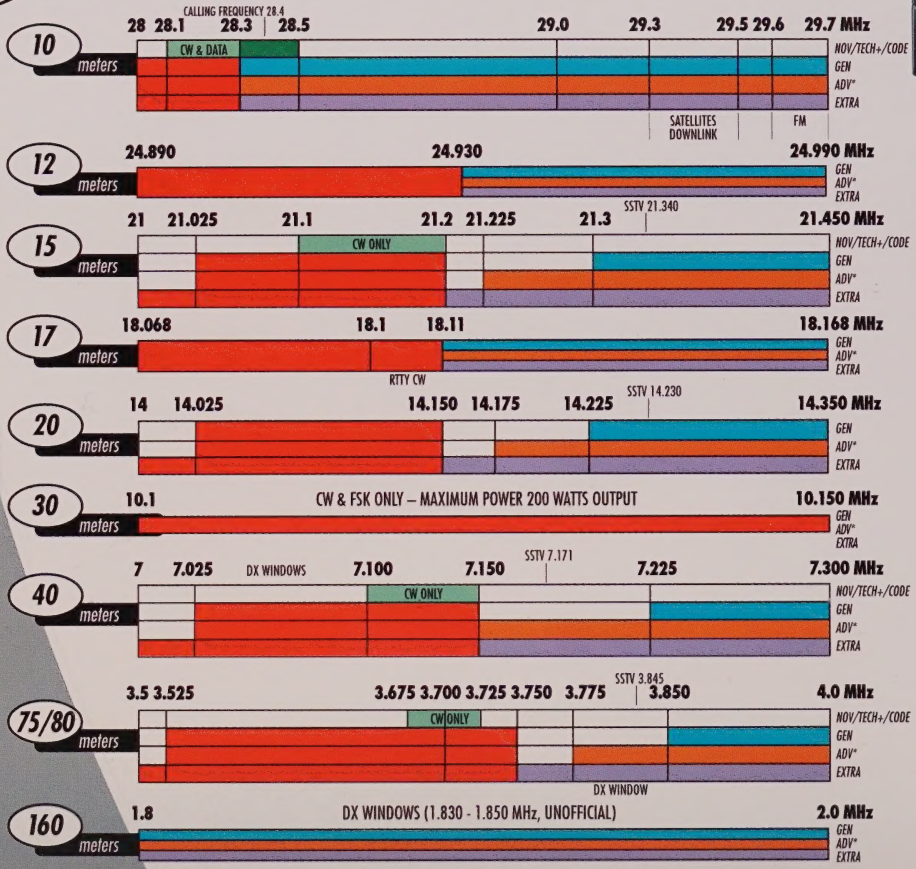
EXTRA VOICE, CW, SSTV, FAX

CW, FSK

NO PRIVILEGES

*Grandfathered

All old & new license classes retain their operating privileges after April 15, 2000.



Developed by Gordon West, WB6NOA, RADIO SCHOOL, INC., for exclusive use by ICOM America, Inc., February, 2002.

IC-775DSP
AM, FM, SSB, CW, RTTY/HF

IC-756PROII
AM, FM, SSB, CW, RTTY/HF, 6M

IC-746PRO
AM, FM, SSB, CW, RTTY/HF, 2M, 6M

IC-706MKIIG
AM, FM, SSB, CW, RTTY/HF, 2M, 6M, 440

IC-718
AM, SSB, CW, RTTY/HF

See Our Booths: #33-37, 562, 589

ICOM

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Welcome!

On behalf of the Dayton Amateur Radio Association and the 2002 Hamvention Committee, it is our pleasure to welcome you to Hamvention® 2002... our 51st show and our 50th Anniversary!

Founded in 1952, Hamvention has become the world's largest amateur radio trade show. Hard work has brought Hamvention international visibility as well as the thoughtful support of our loyal exhibitors, vendors, and attendees. To everyone who has ever attended Hamvention, we say "Thank You"!

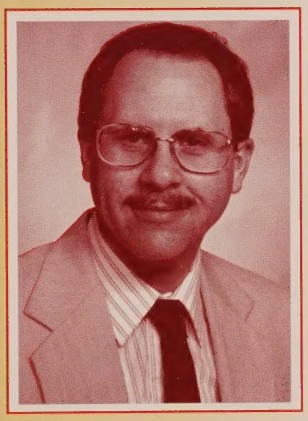
We hope you find everything you came for, meet everyone you wished to meet, and learn something new about amateur radio.

Have an enjoyable visit and a safe trip home. See you in 2003!

73,

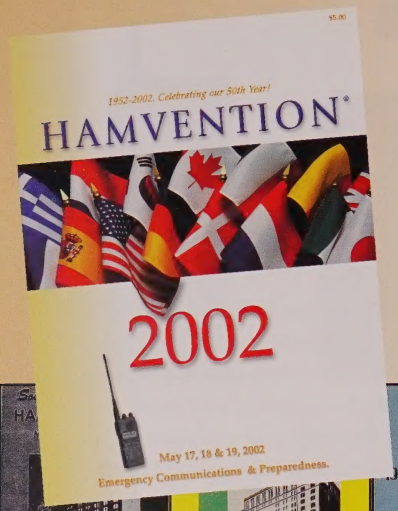
Jim Graver

Jim Graver, KB8PSO
Hamvention General Chairman



Jim Graver, KB8PSO
General Chairman

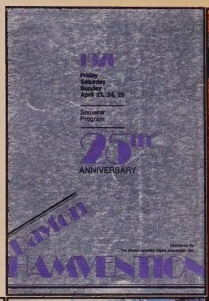
Jim Trangenstein, KB8OUD
Assistant General Chairman

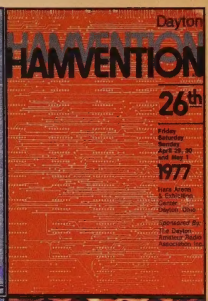

$5.00
1952-2002. Celebrating our 50th Year!
HAMVENTION®
2002
May 17, 18 & 19, 2002
Emergency Communications & Preparedness.

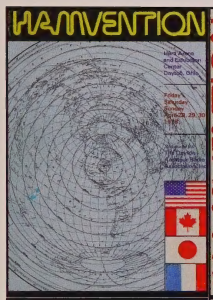
HAMVENTION
1952-2002
50 GREAT YEARS!

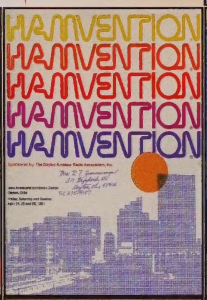
SOUVENIR PROGRAM
Dayton Hamvention
1954
1955
1956
Hamvention
SOUVENIR PROGRAM
Dayton Biltmore
DAYTON, OHIO
Sponsored by
DAYTON AMATEUR RADIO ASSOCIATION
SATURDAY, APRIL 3, 1954
SATURDAY, APRIL 2, 1955
SATURDAY, APRIL 14, 1956
SATURDAY, APRIL 6, 1957
SATURDAY, APRIL 19, 1958
DAYTON
HAMVENTION
1960
1961
1962
SOUVENIR PROGRAM
SPONSORED BY THE DAYTON AMATEUR RADIO ASSOCIATION, INC.
1963
DAYTON
HAMVENTION
SOUVENIR PROGRAM
1964
1965
1966
Saturday, April 10
1967 Dayton Hamvention
1968 Dayton Hamvention
1969 Dayton Hamvention
SATURDAY – APRIL 26, 1969
1970 Dayton Hamvention®
SATURDAY — APRIL 25, 1970
1971 Dayton Hamvention®
SATURDAY – APRIL 24, 1971
1972 Dayton Hamvention®
SATURDAY – APRIL 22, 1972
SPONSORED BY THE DAYTON AMATEUR RADIO ASSOCIATION, INC.
DARA STATION W8BI
APOLLO BUILDING
DAYTON MUSEUM OF NATURAL HISTORY
22nd ANNUAL
1973
DAYTON
HAMVENTION®
Friday and Saturday
April 27 and 28, 1973
23rd annual
Dayton HAMVENTION®
Friday-Saturday-Sunday
April 26, 27, 28, 1974
24th annual DAYTON
Hamvention
Friday
Saturday
Sunday
April 25, 26, 27
1975

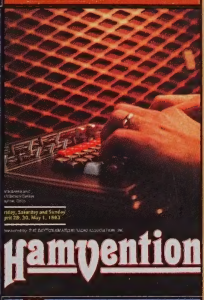
Celebrating our 50th Year as the World's Largest Ham Radio Event!

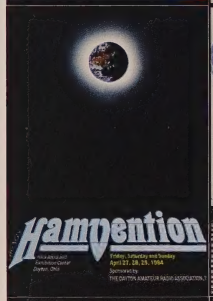


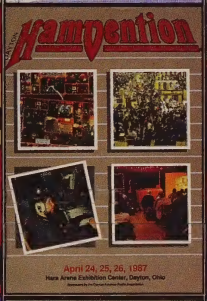


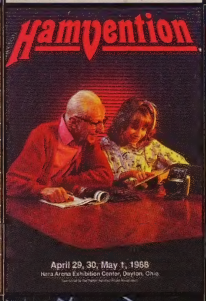


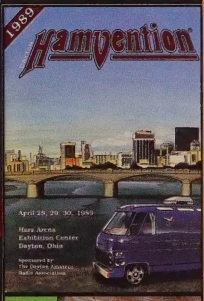


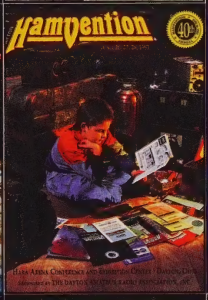


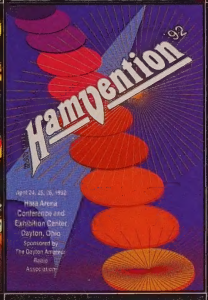


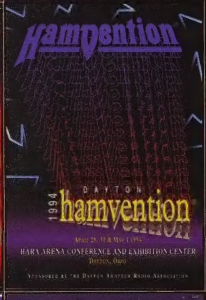


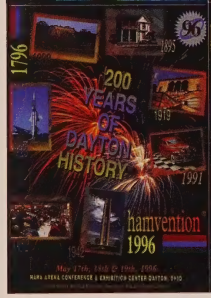


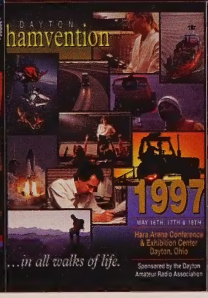


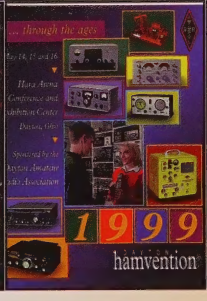


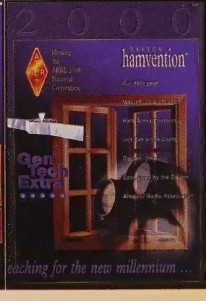












The Dayton/Montgomery County Convention & Visitors Bureau Congratulates HAMVENTION® on their 50th Year!

There is a TON to do each DAY in DAYTON!

For details and information contact
The Dayton/Montgomery County
Convention & Visitors Bureau

DAYTON
MONTGOMERY COUNTY
CONVENTION & VISITORS BUREAU

937-226-8211 • 800-221-8235 • www.daytoncvb.net

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Hamvention Phone Numbers (during the show only)

Office 276-6930
Exhibits, outside 276-6932
Exhibits, Inside 276-6931
Fax (all committees) 276-8904
Communications 276-8906
Forums 276-8908
Emergency Phone .....276-6930 & 276-8906

Registration & Ticket Sales

HAMVENTION 1952-2002 50 GREAT YEARS!

GENERAL ADMISSION

Tickets (valid all 3 days)	$22.00
Age 12 or younger	FREE

Admission tickets may be purchased starting at 7:00 a.m. on Friday, Saturday, and Sunday at the Hara Arena Box Office and at the East Hall Entrance. A general admission ticket is required for bus transportation to the Alternate Activities.

Mail Order or Fax Ticket Requests RECEIVED by May 1 (USA) or April 20 (Canada) were sent by return mail. Orders received AFTER the deadlines are held for pick-up at the Hara Arena Box Office during normal hours.

OUTSIDE EXHIBITS (Flea Market)

A general admission ticket is required to enter the outside Exhibits.

BANQUET & SPEAKERS

Banquet tickets were sold in advance only this year and are not available at the door. Please see information on Page 29. The Banquet will be held at the Ervin J. Nutter Center on Saturday, May 18 and will begin at approximately 6:10 p.m.

We are returning to a "traditional" banquet program, by featuring four keynote speakers:

David W. Clark, a Public Health Advisor for the Public Health Practice Program Office;

Paul K. Halverson, Director of the Division of Public Health Systems Development & Research and Director of the National Public Health Performance Standards Program;

Paul K. Reid, Telecommunications Manager for the Federal Emergency Management agency; and,

William T. Cross, Senior Program Analyst in the Public Safety and Private Wireless Division of the FCC's Wireless Telecommunication Bureau.

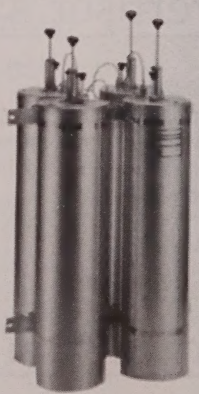
See Our Booths: #414 & 415

TX RX SYSTEMS INC.

VARI-NOTCH® DUPLEXERS

FOR 2 METERS

The TX RX Systems Inc. patented Vari-Notch filter circuit, a pseudo-bandpass design, provides low loss, high TX to RX, and between-channel isolation, excellent for amateur band applications. TX RX Systems Inc. has been manufacturing multicoupling systems since 1976. Other models available for 220 and 440 MHz, UHF ATV and 1.2 GHz.



19" RACK MOUNT

MODEL 28-37-02A

144-174 MHz
92 dB ISOLATION AT 0.6 MHz SEPARATION
400 WATT POWER RATING

TX RX SYSTEMS INC.

8625 INDUSTRIAL PARKWAY, ANGOLA, NY 14006
TELEPHONE 716-549-4700 FAX 716-549-4772 (24 HRS.)

A MEMBER OF THE BIRD TECHNOLOGIES GROUP

FRIDAY, MAY 17

8:00 a.m. to 6:00 p.m.	Outside Exhibits open. Bus service available.
9:00 a.m. to 6:00 p.m.	Inside Exhibits open. Prizes on display. Programs available at ticket selling points & info. booths.
10:00 a.m. to 5:00 p.m.	Forum hours.
11:00 a.m. to 5:00 p.m.	Hourly prize drawings.
6:00 p.m.	Inside & Outside Exhibits close.

SATURDAY, MAY 18

8:00 a.m. to 5:00 p.m.	Outside Exhibits open. Bus service available.
8:00 a.m. to 5:00 p.m.	Inside Exhibits open. Prizes on display. Scheduled activities.
8:30 a.m. to 5:00 p.m.	Forum hours.
9:00 a.m. to 3:00 p.m.	Hourly prize drawings.
5:00 p.m.	Inside & Outside Exhibits close.
6:00 p.m.	Hamvention Banquet doors open at the Nutter Center
6:30 p.m.	Hamvention Banquet meal and program.
8:30 p.m.	Keynote Speakers

SUNDAY, MAY 19

8:00 a.m. to 1:00 p.m.	Outside Exhibits open
8:00 a.m. to 3:00 p.m.	Bus service available.
8:00 a.m. to 1:00 p.m.	Inside Exhibits open. Prizes on display.
9:00 a.m. to 12:00 noon	Hourly prize drawings.
8:00 a.m. to 12:00 noon	Forums and scheduled activities.
1:00 p.m.	Inside & Outside Exhibits close.
1:00 p.m.	Drawings: Unclaimed hourly prizes followed by main prizes.

SPECIAL EVENT STATION

We will have a Special Event Station, W8BI (Dayton Amateur Radio Association), located at the west edge of the outside vendor area (flea market). All amateurs are welcome to operate the station during event hours.

Stations will operate from Thursday evening, May 16 through Sunday evening, May 19 at 25kHz up from the bottom portion of the SSB and CW General bands, 10 through 80 meters and on VHF at 147.55.

Certificates will be given to all operators and QSLs mailed to all contacts. W8BI/8 QSLs hams and SWLs 100 percent. To QSL, send a 9x12 SASE for a card and certificate to:

W8BI/8 • P.O. Box 44 • Dayton, Ohio 45401-0044
or QSL, via the Bureau for a card only.

For more information, see our website: www.hamvention.org.

HAMVENTION® 2002

LICENSE EXAMS

Technician, General and Amateur Extra Class exams for all pre-registered candidates, will be given on Friday at 9:30 and 2:00, and on Saturday at 9:30. All exams will take place at Hara Arena. Doors open at 9:00 a.m. for check-in. Tests begin at 10:00 a.m. Walk-ins will be accepted if room is available.

All attendees must have the following:

1. Original and a copy of your license, if you have a previous license.
2. Original CSCE credit.
3. Two ID's. One must be a picture ID.
4. Your Social Security # or TIN #
5. Exact change please!

SHIPPING SERVICE

Mail Boxes, Etc. offers freight service from the floor of Hamvention, near the North Hall entrance, Door 20. Hours are as follows:

Friday:	9:00 a.m. - 6:00 p.m.
Saturday	8:00 a.m. - 5:00 p.m.
Sunday	8:00 a.m. - 1:00 p.m.

MESSAGE CENTER

Leave a message for your friends by entering their call sign and message at the DARA Booth #1 (next to the Prize Booth). Prize monitors throughout the arena complex and at the DARA Booth will periodically list "message holding," by call sign.

BAGGAGE CHECK

Baggage can be checked for $3.00 per claim check in the Production Service Trailer #1, which is located at the right of the Conference Center entrance. All items must be reclaimed by closing time each day. Time extended to 3:00 p.m. on Sunday. No overnight storage is permitted.

LOST & FOUND

The five Information Booths, located in the Hara Arena lobby, the East Hall lobby, and the Conference Center lobby will accept lost items. To retrieve lost items, please go to the Hara Arena box office.

TALK-IN FREQUENCIES

For directions and assistance in the Dayton Area during your visit to Hamvention, contact "Talk-In" on the DARA Repeater 146.94 (-), or the MVFMA repeater 146.91(-). Dayton Hams also monitor 223.94 (-), and 442.1 (+).

BANKING SERVICES

Local banks are located at the Salem Mall and Forest Park. An ATM is located at Hara Arena.

EMERGENCY MEDICAL CARE

On-site Emergency Medical Services are located in a tent near the front of Hara Arena. Emergency care is also available from the following:

Urgent Care Medical Center
5915 N. Main Street, 278-3826
8:30 a.m. - 10:00 p.m.

From Hara Arena, take Shiloh Springs east to traffic light at Main St. Turn left to first building on left.

Good Samaritan Hospital
2222 Philadelphia Dr., 278-2612

From Hara Arena take Wolf Rd. to Salem Ave. Turn left, proceed to the traffic light at Philadelphia Dr.

Dayton Amateur Radio Association (DARA) and Hamvention fully support, and are committed to the objectives of the Americans with Disabilities Act (ADA). DARA and Hamvention strive to provide equal opportunity to all qualified persons to participate in Hamvention. Our objective is to provide access to the event that we organize and we expect nothing less of those who provide building facilities, exhibits, and services to our event.

BUS SERVICE

AVOID PARKING PROBLEMS BY RIDING THE HAMVENTION BUSES! Bus Service will be provided between Hamvention and our satellite parking area at Salem Mall. Buses will run continuously starting at 6:30 a.m. and make routes as quickly as possible. Due to changing traffic patterns and bus loads, an exact bus schedule is impossible. The fee for bus service is $3.00 per day, collected on inbound trips only. There is no limit on the number of times you ride the bus, per day.

BANQUET ROUTE

A bus will only be available from Dayton Tall Timbers Resort (KOA) to and from Nutter Center.

PARKING

Approximately 6000 privately owned pay-to-park parking spaces are located near Hara Arena. In addition, we have shuttle bus service at the Salem Mall. The charge is $3.00 per day. Semi-tractor/trailers and large self-contained vehicles can park in the designated area at the Salem Mall. However, overnight camping is not permitted.

CAMPER/TRAILER PARKING

Campers, trailers, self-contained vehicles, or vehicles that require more than one space can park at the Salem Mall and take the shuttle bus to Hara Arena. A $3.00 fee is required to ride the shuttle. No overnight parking is allowed.

Campers and trailers may park/camp at Tall Timbers KOA (1-937-833-3888). Shuttle bus service is available.

ADA PARKING PASSES

Handicapped visitors have been issued special parking passes in advance. No public parking is available at Hara Arena.

TEMPORARY LOADING PASS

A temporary loading pass can be obtained from the Traffic Committee or the guard at Entrance 1 during the show. This restricted loading pass is valid for 20 minutes and allows you to use a designated area to load and unload equipment or to pick up your exhibitor packet at the Exhibits Office. These passes will be time stamped and must be given to the guard at Exit Number 1 when you leave.

WHEELCHAIRS & SCOOTERS

A limited number of wheelchairs and electric scooters have been reserved in advance. Wheelchairs are $10/day and electric scooters are $40/day. Weekend rates are available. Both require a drivers license or other positive form of ID that can be left with your deposit. To pick up your wheelchair or scooter, please go to Door 26.

TAXI INFORMATION

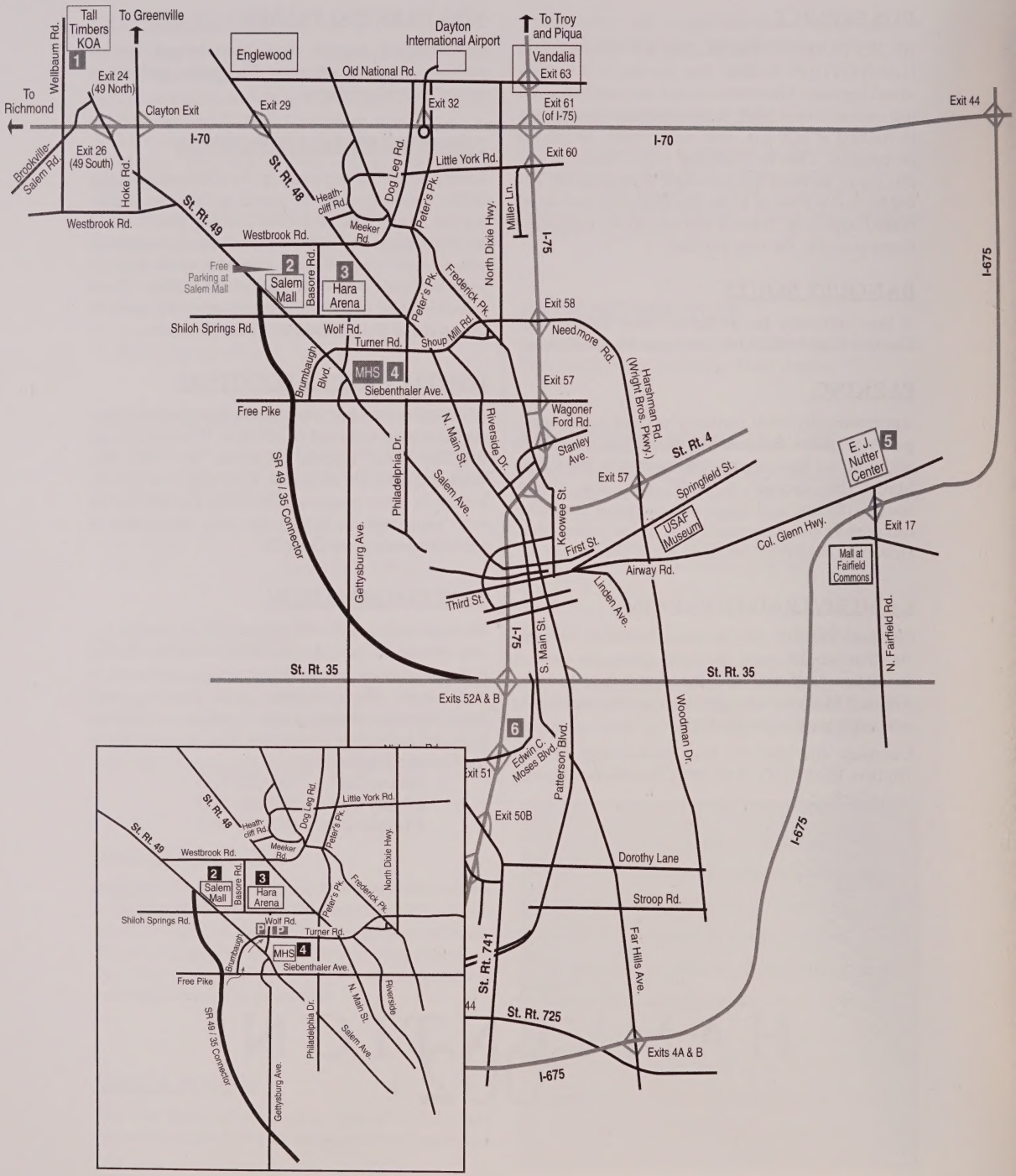
We have negotiated with Yellow Cab to provide on-site service at Hara Arena. Yellow Cab is offering flat rate service for the Hamvention weekend to and from Hara Arena and Dayton area hotel/motels and restaurants. In addition to Yellow Cab, the following companies offer taxi service in the Greater Dayton area:

Yellow Cab	937-228-1155
Liberty Cab	937-222-2822
Checker Cab	937-222-4011

HAMVENTION® 2002

Dayton Area Map

HAMVENTION 1952-2002 50 GREAT YEARS!



The following are paid listings.

W1TP TELEGRAPH KEY MUSEUM

The W1TP Telegraph Key Museum will be open Friday, Saturday and Sunday, all day at outside vendor spaces 2553-2555. Over 500 telegraph keys will be on display ranging from those made before the Civil War to the present. Demonstrations of the world's rarest bugs will be performed by Gil Schlehman, K9WDY who owns the largest collection of different bugs in the world. Demonstrations and examples of the rare German Enigma Code Cipher Machines will also be on-site. Free repairs, appraisals, pretzels...

FRIDAY, MAY 17

6:30 PM Southwest Ohio DX Association's Annual DX Dinner, The Southwest Ohio DX Association will hold its annual dinner on Friday, May 17 at the Crowne Plaza Hotel (across from the Dayton Convention Center). There will be a cash bar at 6:30 p.m. and dinner at 7:15 p.m. Tickets are $33.00 and must be purchased in advance. Groups wishing to sit together must order as a group. A table seats eight. Seats will be assigned in the order that requests are received. Seating is limited. For tickets or more information contact: Steve Bolia, N8BJQ.

SATURDAY, MAY 18

6:30 PM North Coast Contesters/10th Annual Dayton Contest Dinner. The North Coast Contesters are pleased to announce the 10th Annual Dayton Contest Dinner. The Master of Ceremonies is CQ Magazine Contest Editor and CQ Contest Hall of Fame member John Dorr, K1AR. The 2002 Contest Hall of Fame Induction's will be formally announced by the CQ WorldWide Contest Director and CQ Contest Hall of Fame member Bob Cox, K3EST. Dinner will be held at 6:30 p.m. with a cash bar at 5:30 p.m. at the Crowne Plaza Hotel (Official Contest Hotel), 5th and Jefferson Streets (next to the Convention Center) in the Van Cleve Ballroom. The menu will include prime rib of beef, potato, vegetables, rolls, chocolate fudge cake, choice of beverage, coffee, tea or iced tea. Price is $30 per person, but seating is limited to 300. Tables are set in rounds of 8 and seating is random and is not reserved. Dinner ticket orders are handled exclusively by Craig Clark, W1JCC.

8:00 PM Western New York DX Association, and Kansas City DX Club once again will be hosting a Hospitality Suite at the 2002 Dayton Hamvention. The event will be held at the Crowne Plaza Hotel in Suite 325 from 8:00 p.m. Saturday night features the "CW Pile Up Contest." Drop in for an eyeball with the Big Guns and Little Pistols. Everyone is welcome!

HAMVENTION
1952-2002
50 GREAT YEARS!

Dayton Amateur Radio Association: A Short History

The Gem City Radio Club was the first amateur organization in Dayton. It was formed in 1914 and broke up in 1917 due to World War I.

The present Dayton Amateur Radio Association was formed in 1928. The original ARRL charter was signed by Hiram Percy Maxim, and was incorporated under the laws of the State of Ohio in 1929.

In 1928 DARA sponsored and held the Southwestern Ohio Hamfest. While it was a great success, it was a financial flop. DARA also sponsored the Central Division ARRL Convention at the Biltmore Hotel in 1930.

The interests of radio amateurs are varied and diversified. Members of DARA follow this pattern. DARA equipped and maintained an emergency radio station for the Red Cross at its headquarters on Monument Avenue during WWII.

Local Civil Defense communications were manned and trained by local amateurs. Their equipment was installed and maintained mainly by DARA personnel not in the military service.

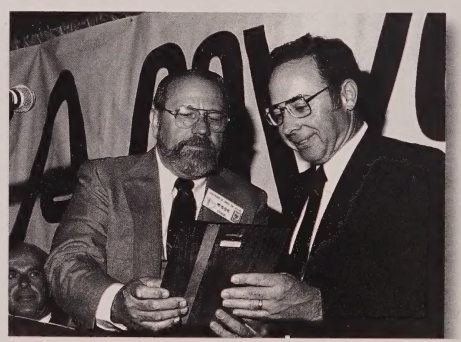
After WWII, amateur radio was revived and DARA became quite active. Field Days, DXing and Traffic Nets were the primary activities. DARA's first Field Day was held at Madden Park in West Dayton. After considerable politicing, DARA finally got permission from the City of Dayton to be in the park overnight.

In 1947, Dr. John Kraus, W8JK, of Ohio State University, was persuaded to give a discussion and demonstration of various antennas using scaled down microwave equipment. It was at the Engineers Club of Dayton and was a huge success. Kraus was the inventor of the Helix Antenna. To get him to Dayton, DARA had to agree to build a 10 meter Helicoidal Beam. It was built at Carl Lightcap's (W8NSS) home in Drexel and was quite impressive! It was made of four circular elements of 4" downspouting and the boom was a 40-foot wooden extension ladder mounted on a telephone pole. It performed amazingly well. Unfortunately no pictures are available.

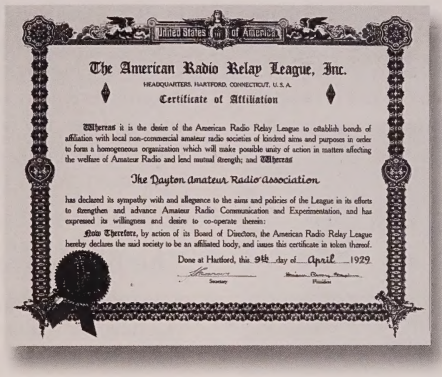
Quite a few hidden transmitter hunts were held around this time. Phone patches for overseas military personnel and precise frequency measuring were activities enjoyed by members.

In the late forties, TVI (Television Interference) reared its ugly head. DARA established a TVI Committee which has been very successful in coping with the problem.

In 1951, Frank Schwab, W8YCP (now W8OK) was elected President. A year or so earlier, John



Willig, W8ACE, approached the club about sponsoring a Ham Convention as opposed to a Hamfest and he was turned down for a number of reasons. Not the least of these was that DARA had a Hamfest in the late twenties and it turned out to be a financial disaster. Frank liked the idea of a Ham Convention and asked John to get some people together to see if it could be pulled off. The DARA board was so confident that they allocated the huge sum of $100 to get started. The rest is history!



United States of America

The American Radio Relay League, Inc.

HEADQUARTERS, HARTFORD, CONNECTICUT, U.S.A.

Certificate of Affiliation

Whereas it is the desire of the American Radio Relay League to establish bonds of affiliation with local non-commercial amateur radio societies of kindred aims and purposes in order to form a homogeneous organization which will make possible unity of action in matters affecting the welfare of Amateur Radio and lend mutual strength; and Whereas

The Dayton Amateur Radio Association

has declared its sympathy with and allegiance to the aims and policies of the League in its efforts to strengthen and advance Amateur Radio Communication and Experimentation, and has expressed its willingness and desire to co-operate therein:

Now Therefore, by action of its Board of Directors, the American Radio Relay League hereby declares the said society to be an affiliated body, and issues this certificate in token thereof.

Done at Hartford, this 9th day of April 1929.

Secretary — President

In the Beginning...

John's idea was to have a quality affair with talented speakers and excellent prizes. His research showed that it should be held in early spring because most area hamfests were in late summer and fall.

The first committee consisted of:

John Willig, W8ACE, General Chairman

Al Dinsmore, W8AUN, Arrangements (Deceased)

Bob Siff, W8QDI (now K4AMG), Prizes & Exhibits

Frank Schwab, W8YCP (now W8OK), Publicity

Bob Montgomery, W8CUJ, Finance

Clem Wolford, W8ENH, Program

Ellie Haburton, W8GJP (now W4ZVW), Women's Committee

We had a Women's Committee because we figured that if we could get the gals to attend, it would be easier for the guys to get here.

The word Hamvention was coined at the first meeting and we called the event the Southwestern Ohio Hamvention. After the first year, the hyphen was dropped and the words "Dayton Hamvention" were registered as a trademark.

Our first setback occurred when we found the Biltmore Hotel was only available on March 22 and not late April as we had planned. So we had a whole month taken off our already short lead time. We went ahead with our plans anyway, although some club members thought we had totally lost our minds.

It didn't take long to find out the hundred bucks DARA put up was not enough to do the job. So we decided to raffle off a 12" TV set to raise more cash. It went well and we were off and running.

Several things happened to really get the ball rolling. First, Phil Rand, W1BDM, a pioneer in TVI elimination agreed to be on the program. Nearly everyone had a problem with TVI at the time, so it was quite timely. Second, we were able to get the FCC to agree to give exams at the Biltmore Hotel. This was very unusual and remember that the new license structure had just recently gone into effect. All tests, including Novice, had to be taken before an FCC Inspector. Third, we were able to buy a Collins 75A2 receiver from SREPCO and Collins at an attractive price. This was to be the first prize.

We had a breakeven point of 300 visitors. Over 600 showed up! My wife, Carolyn, was in charge of registration and still remembers the crush of people at the registration desk.

There were 7 exhibitors and 6 forums. I don't remember how many people came to the banquet but it was one of the biggest the Biltmore ever had, up to that time. Hyde "Rube" Ruble, W8PTF, was the Master of Ceremonies and Larry LeKashman, W8IOP, was the featured speaker. Al Gunston, W8GQ gave a demonstration of his "Vacuum-less Vacuum Tube." This was an oversize open-air vacuum tube complete with a toaster element as the heater and a tin pie pan for a plate. He showed us how to cook hotdogs on the control grid!

The ladies program was very successful with a luncheon at the Biltmore and a trip to the local TV station where four of the women participated in a game show. Incidentally, the cost of Registration and Banquet was $5.00!

As The Years Go By...

John Willig remained as chairman for four years and the early years were not without complications. One year we inadvertently scheduled the Hamvention at the same time as an American Legion Convention. Another time was during a Great Lakes Shrine Ceremonial. In later years it always fell on graduation weekend at the University of Dayton. In the end, we won because no one else could get hotel and motel rooms during Hamvention.

In 1955, the Biltmore was starting to bulge at the seams and some of the forums were held in the Engineers Club, which was one block east of the Hotel.

Also in 1955, the Hamvention Awards Program was started and has become a nationally accepted honor. It was started with the "Amateur of the Year" award and has been expanded to include the "Special Achievement" award and the "Technical Excellence" award. These awards are recognized as the "Oscars" and "Emmys" of Amateur Radio.

In 1978, I was delighted to have been chosen "Amateur of the Year." (A personal note, please... One of the highlights of my life was at the Awards ceremony when I looked out at the audience and saw my family of 12 children and their spouses attending. Many were from out of town and I didn't know they would be there.)

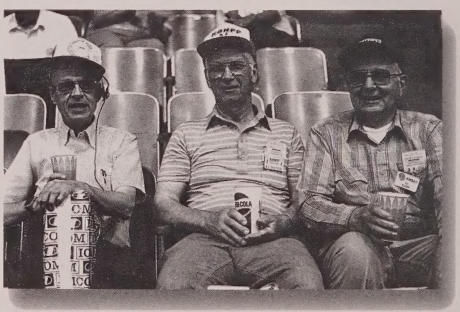
The Big Move...

In 1964 the Hamvention moved to Hara Arena. The Biltmore could no longer hold it. Most of the downtown Dayton parking areas had become flea markets with open trunks all day long. I was somewhat critical of the addition of the flea market at Hara Arena because I thought it would take away some of the "class" of the Hamvention. Obviously, I was wrong!

The first Master of Ceremonies at the Banquet at Hara Arena was Dan Graves, W8ZTL, who held the job for 16 years. Many of you will remember his distinctive style.

Free buses and handicapped parking were introduced in 1969 This has become quite expensive but it has greatly relieved the parking situation near the Arena.

In 1970, ARRL's "Ham's Wide World" had three premier showings at Hara Arena. Also that was the first year for a Hamvention Keynote Speaker.



He was Prose Walker, W4BW, FCC Chief of the Amateur Division. Another Keynoter was George Jacobs, W3ASK.

In 1973, the Hamvention became a 2-day event with Friday opening. Sunday hours were added in 1974.

After the first few years of publishing a small program, it was decided to try to sell advertising, and call it a "Souvenir Program" with the thought that people would take it home for reference. This worked well and each year it increased in size. In 1976, the 25th Anniversary issue, the dimensions were changed from the small 6x9" size (the same size as early Amateur Radio magazines) to the current 8-1/2 x 11" format, to match the new standard size of Amateur Radio magazines of the time. Also, the passing of Bob Drake, W8CYE was recorded with a full page photo in this 1976 book. He was truly a radio pioneer and a great friend of DARA and the Hamvention. The cover of this issue was printed on silver paper and has become somewhat of a collector's item.

The 1970 program book featured a full page photo of Neil Rapp, WB9VPG. Neil was licensed as a Novice at 5 years of age.

Communications Specialists brought the first full-color ad to the Souvenir Program in 1978, bringing the Souvenir Program to a new full-color era.

The Banquet...

Over the years there were many outstanding Banquet Speakers. Notably, Barry Goldwater, K7UGA in 1974 and General F.H. (Butch) Griswold, KoDWC, in 1959. Gen. Griswold was Commander of the Strategic Air Commmand and pioneered SSB communications in the U.S. Air Force. During the Banquet, he demonstrated an SSB communications system by picking up a special telephone and was able to talk throughout the world via SSB. It was very impressive!

Some Banquet Speakers came back for more: Larry LeKashman, W2IOP/W8IOP/W9IOP, our first speaker, came back two more times. Jean Shepherd, K2ORS and Roy Neal, K6DUE, both returned numerous times as featured speakers.

Unofficial Activities...

The unofficial activities around Hamvention weekend have certainly added to the enjoyment! Just about all facets of Amateur Radio are covered somewhere during the 3-day event. Many have been around a long time. I'm thinking particularly of the beady-eyed DX'ers. They have been meeting since the first Hamvention. Many clubs from Ohio, New York, and more continue to feature added entertainment as part of our annual event.

Innovation and Critiques...

Much of the growth of Hamvention can be attributed to innovation. Immediately after each Hamvention, a critique meeting is held where all committee chairmen submit reports and discuss possible changes for the next year. It generally turns out to be a brainstorming session, with lots of ideas... some wild, some good, some really off the wall, and many that have been successful.

–DAYTON HAMVENTION

Why We Do It...

I'm sure most of the people who help with the Hamvention do it for sheer enjoyment. We all like to be part of a winning team. Personally, I have made many lifelong friends and that makes it all worthwhile. Thanks!

Hamvention Continues To Grow...

Attendance has grown over the years to an average of 25,000 attendees. The number of foreign amateurs attending continues to increase. The value of the prizes has become more valuable.

In order to keep costs down, changes have been made. The most extensive was the limitation of bus transportation from area hotels and motels. Arrangements have been made for taxicabs to be available at the Hamvention site at very reasonable rates and doubling up passengers has been encouraged.

The Flea Market area has been increased so that nearly 2800 sites are available. As said in the original Hamvention mailer, "If you can't find it at Dayton, it's not available."

Many manufacturers and vendors have made the Dayton Hamvention THE place to show new equipment. Prices at the many distributor's booths are better than anywhere else.

For years the Hamvention Talk-In Committee has done a very notable job of keeping some semblance of order on the various Dayton frequencies.

The Forums have continued to be the "piece de resistance" for many attendees. The meeting rooms and the audio/visual capabilities are excellent. Many organizations have made the Hamvention the "Mecca" of their particular interest and meetings, banquets, and other activities take place all over the Dayton area. In one day an average of 300 FCC examinations are given.

As John Willig said about the very first Dayton Hamvention, "We're going to have a quality operation."

So it is.

-Frank Schwab, W8OK

Hamvention Statistics...

The number of Exhibits has grown steadily over the years as many manufacturers plan to introduce new products at the Hamvention. The original 7 became 22 by 1957 and last year there were over 1600 vendors and exhibitors.

Prize donors followed the same great trend in growth. The 20 at the first Hamvention became 60 in 1960 and last year there were over 125 donating a total of over $85,000 worth of prizes.

Speaking of growth, the Hamvention Committee Chairmen went from 7 in 1952 to 30 plus 4 directors by 1991.

The Flea Market has become a large part of Hamvention. The first year we had about 200 spaces. There are currently over 2100 blacktopped spaces.

Hamvention continues to grow and be better than ever!

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HAMVENTION 1952-2002 50 GREAT YEARS

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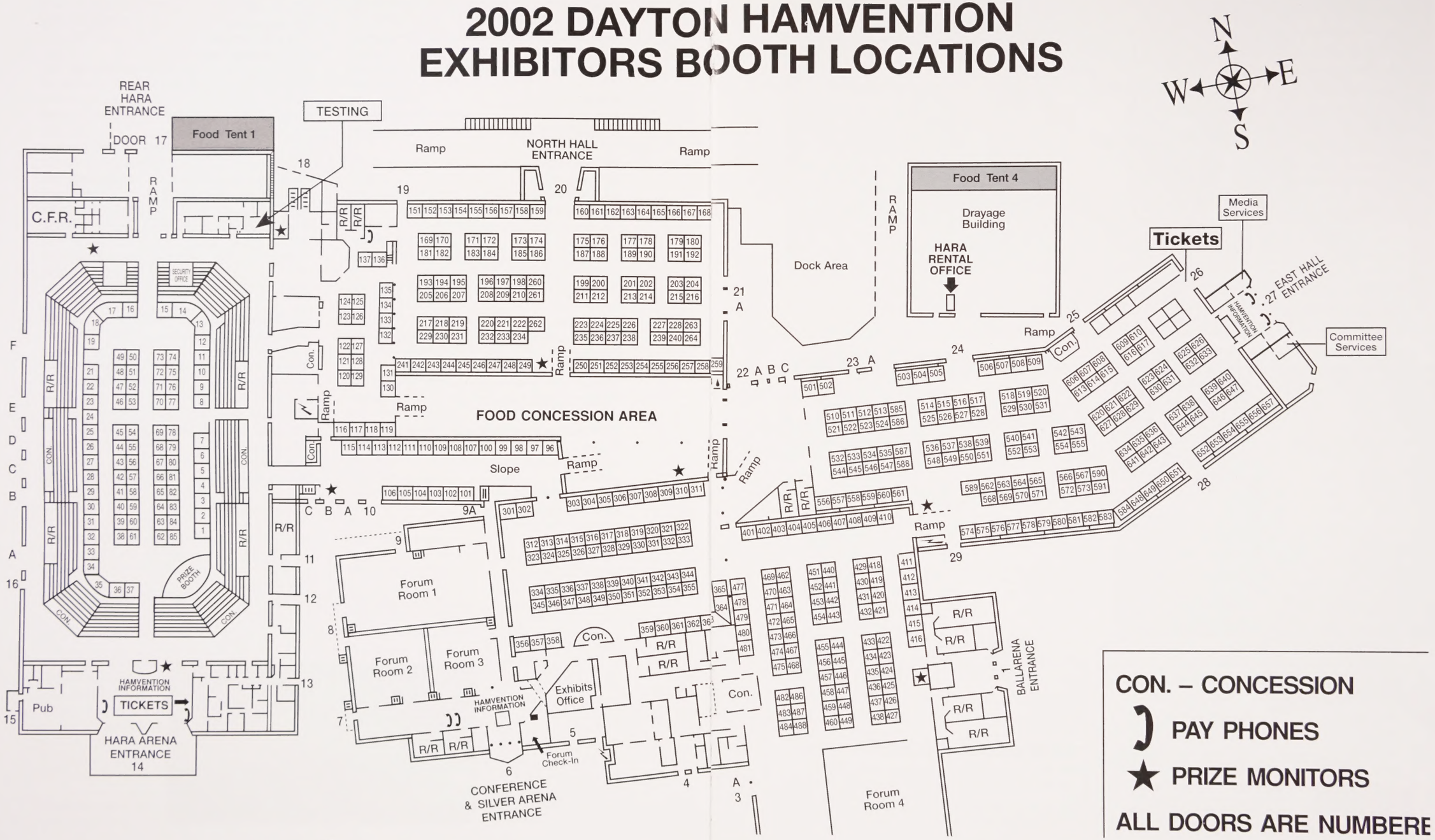


CON. – CONCESSION

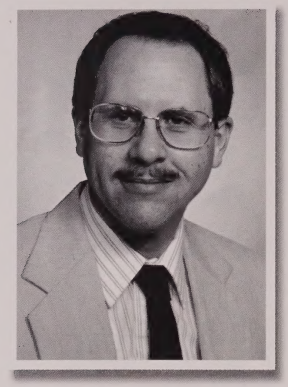
PAY PHONES

★ PRIZE MONITORS

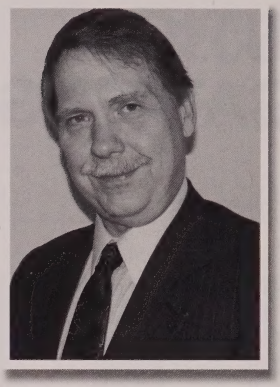
ALL DOORS ARE NUMBERE

-Hamvention Chairmen

HAMVENTION 1952-2002 50 GREAT YEARS!



Jim Graver, KB8PSO
General Chairman



Jim Trangenstein, KB8OUO
Assistant General Chairman

COMMITTEES

Awards/Banquet .....Cathi Hoskins, N8ZCQ
Communications .....Ken Allen, KB8KE
DARA Functions .....Reuben Meeks, W8GUC
Exhibits (In & Outside) ..Keith Marshall, AB8BD
Finance .....Keith Marshall, AB8BD
Forums .....Jim Ebner, N8JE
Guest Services .....Lynnette Neff, KB8CAR
Inside Security .....Dave Crawford, KF4KWW
License Exams .....Mike Arquilla, N8SD
Media .....Jim Trangenstein, KB8OUO
Outside Security .....Pat Neff, N8IGS
Prizes .....Dave Coons, WT8W
Registration .....Ray Hines, W6QJN
Show Production ....Garry Matthews, KB8GOL
Special Event Station ...Ron Moorefield, W8ILC
Talk-in Co-Chairman .....Michael Kalter, W8CI
Talk-in Co-Chairman .....Frank Beafore, WS8B

PAST GENERAL CHAIRMEN

1952-1955 .....John J. Willig, W8ACE
1956-1957 .....Rudy Plak, W8ZOF (W6TIK)
1958 .....Frank J. Schwab, W8YCP (W8OK)
1959-1960 .....Ed F. Bonnet, W8OVG
1961-1962 .....Joseph H. McNutt, W8GFN
1963-1964 .....Sheemon A. Wolfe, W8WJL
1965-1966 .....Edgar A. Smith, W8RKL
1967 .....Robert Wilcox, K8EJI
1968-1969 .....Jack Ohmart, K8CUA
1970-1971 .....Kenneth E. Mills, W8RLY
1972 .....George L. Shearer, WA8IHC (KE8WJ)
1973-1976 .....Ted L. Suarez, K8BSC
1977 .....Wallace M. Wright, WA8ZCA (AD8N)
1978 .....John Basilotto, W5GI (KC2EH)
1979 .....Sandford H. Cohen, W8JEZ
1980-1981 .....Noel K. McKeown, WB8QQC
1982-1983 .....Harold A. Judd, K4GZL
1984-1985 .....Jack Mitchell, AA8Q
1986-1987 .....Jim Simpson, WB8QZZ
1988-1989 .....Bill McNabb, WD8SAY
1990 .....Ed Hillman, N8ALN
1991-1992 .....Ross Brown, WA8DQH
1993-1994 .....Dave Grubb, KC8CF
1995-1996 .....Ken Allen, KB8KE
1997–1999 .....Dick Miller, N8CBU
2000-2001 .....Jim Graver, KB8PSO

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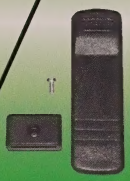

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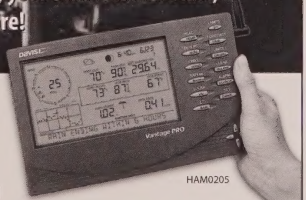

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TM-331A
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TS-2000
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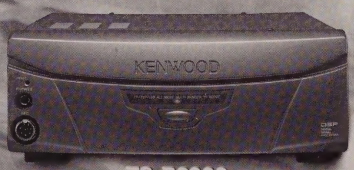

TS-B2000
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RC-2000
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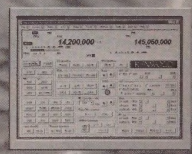

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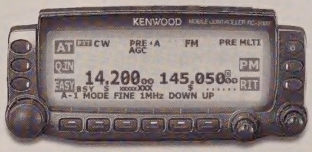
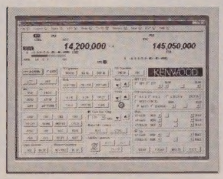


RC-2000
Compact Mobile Controller



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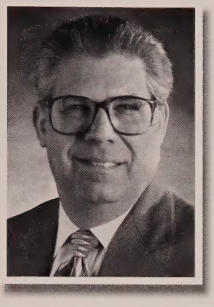


Master of Ceremonies: Carl Nichols, N8WFQ.

Carl Nichols is the Chief Meteorologist for WDTN 2News in Dayton. Carl came to WDTN Channel 2 in 1977 from WYTV in Youngstown, Ohio where he was the station's chief meteorologist. Prior to that he worked for the Central Weather Service in Chicago. He has also worked as chief meteorologist at WLKY TV in Louisville.

Carl began his career as a meteorologist at WTVT TV in Tampa. He graduated from the University of South Florida with a bachelor of arts degree and is also a graduate of the U.S. Navy School of Meteorology. Carl is a member of the National Weather Association and the American Meteorological Society.

Paul K. Reid, Jr. N4EKW

Paul Reid is a Telecommunications Manager for the Federal Emergency Management agency. He is a graduate of Shaw University in Raleigh, North Carolina, where he majored in management. After serving on active duty with the U.S. Air Force, Paul worked for North American Rockwell at the Kennedy Space Center where he served on the launch team for the Apollo XI moon shot.

Following that, Paul served as a Captain with the Volusia County Florida Sheriff's Department and later served as a department head for the City of Newport News, Virginia, where he built and managed a 9-1-1 emergency dispatch center.

Paul continued his military service through assignments in the Army Reserve, Navy Reserve, and is currently a Chief Master Sergeant in the Air Force Reserve. He was the design engineer on the National Guard's new HF Automatic Link Establishment (ALE) radio network that was installed to provide a command and control system just prior to Y2K.

Paul has worked for FEMA for the past seventeen years and has served in numerous positions including Chief of Telecommunications Operations, Manager of the Emergency Broadcast System, Chief of National Information Systems, Frequency Manager for the 1996 Olympics, and Chief of Regional Information Systems. In Paul's current position, he is responsible for managing FEMA's worldwide HF radio system known as the FEMA National Radio System (FNARS). Paul also serves as Program Manager for the Radio Amateur Civil Emergency Service (RACES), and a senior communcations advisor to the President's Office of Science and Technology Policy (OSTP).

William T. Cross W3TN

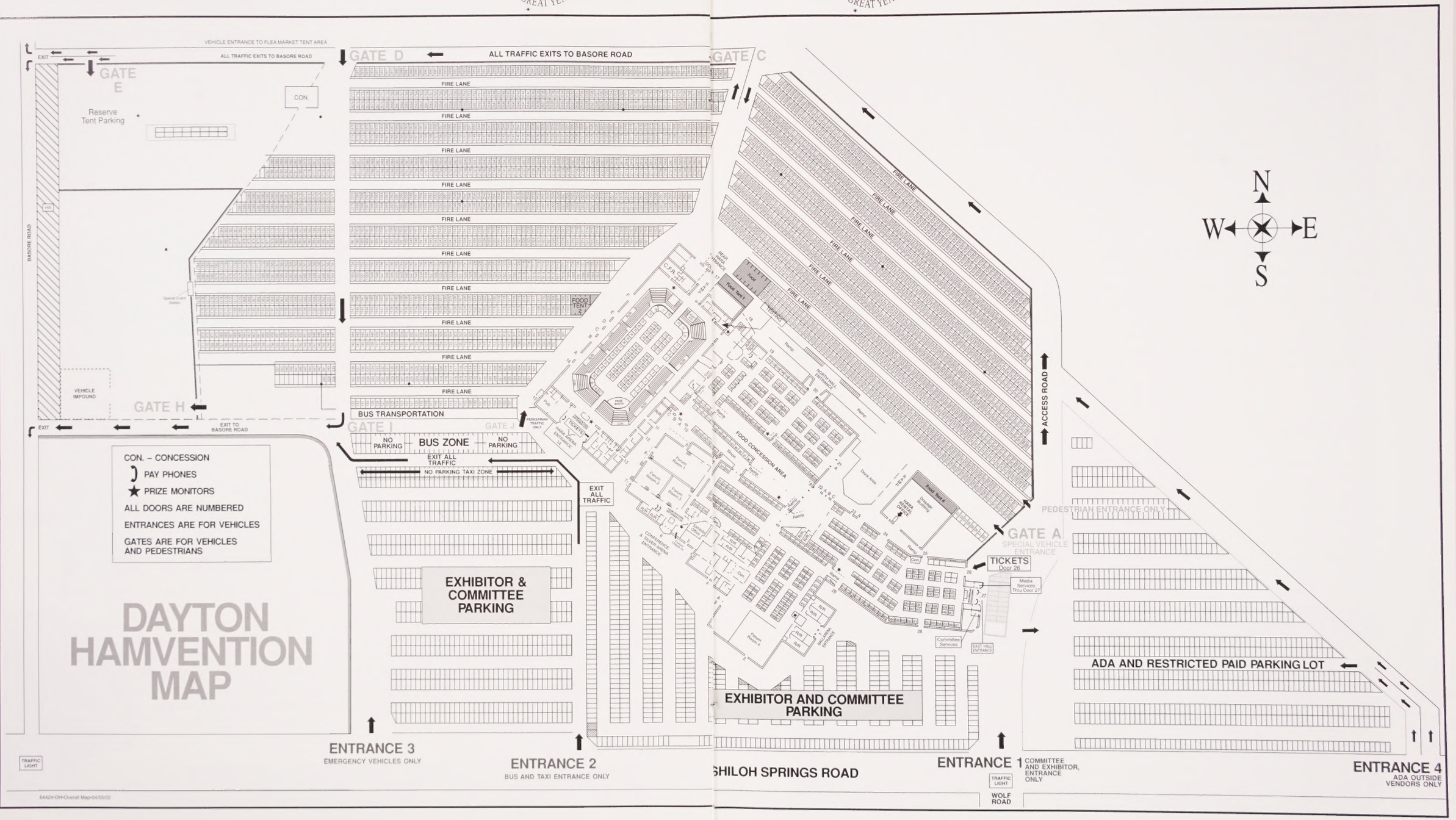
Mr. Cross is a Senior Program Analyst in the Public Safety and Private Wireless Division of the FCC's Wireless Telecommunication Bureau. He is responsible for the day-to-day regulation of the amateur radio service, and is the Commission's point-person regarding amateur radio and the personal radio services. Mr. Cross is the staff member responsible for many of the Commission's amateur radio-related rule making proceedings over the past 12 years. He represents the Commission at numerous amateur radio forums each year.

Mr. Cross joined the Commission Common Carrier Bureau in October, 1976, after completing graduate school and teaching at the University of Maryland. He transferred to the then Private Radio Bureau in 1989. Mr. Cross has been an amateur service licensee for over 33 years and has earned a Top of the Honor Roll plaque, the ARRL's DXCC Challenge award, 5 DXCC and WAZ, and is on the ARRL Phone and Mixed Band DXCC Honor Rolls. Currently he needs only real North Korea and Scarborough Reef QSLs to have them all (again). He enjoys chasing CW and band countries, island groups for the RSGB IOTA program, and designing and building HF antennas. Mr. Cross resides near the Chesapeake Bay in Edgewater, Maryland.

A complete and updated listing of speakers and their biographies will be available at the banquet, along with our schedule of events for the evening.

HAMVENTION 1952-2002 50 GREAT YEARS

HAMVENTION 1952-2002 50 GREAT YEARS



Amateur of the Year

Alanson "Hap" Holly, KC9RP, of Des Plaines, IL has been chosen to receive Dayton Hamvention's Amateur of the Year award for 2002. Mr. Holly (licensed since 1965) began ham radio informational programming in 1984, which lead him to become founder and moderator (and guiding light) of a weekly amateur radio audio feature magazine known as the ***RAIN Report - The Radio Amateur Information Network***. Mr. Holly, who incidentally is blind, produces this weekly program from his ham shack in suburban Chicago. He provides timely interviews, commentaries from other hams, excerpts from many of Hamvention's forums and many other items of interest to the amateur radio community. His ***RAIN*** programming can be heard on hundreds of amateur repeaters across the nation, and also by telephone. Mr. Holly is an inspiration to licensed radio amateurs, non-hams, and the visually impaired and sighted individuals worldwide. Dayton Hamvention is proud to honor Alanson "Hap" Holly, KC9RP, as its Amateur of the Year for 2002!

Special Achievement

Dr. Owen Garriott, W5LFL, of Huntsville, AL and Dr. Tony England, W0ORE, of Dexter, MI have been chosen to share Dayton Hamvention's Special Achievement award for 2002. These two gentlemen pioneered ham radio operations in space by spearheading a successful campaign to incorporate an amateur radio station aboard NASA's space shuttles. Drs. Garriott and England lent their knowledge, experience, and influence to build and then operate equipment that allowed hams everywhere to share the excitement of space flight. Their pioneering advancements lead to the development of SAREX. Dayton Hamvention congratulates Dr. Owen Garriott, W5LFL, and Dr. Tony England, W0ORE, for their Special Achievement!

Technical Excellence

Mr. Allen Waller, K3TKJ, of Lauren, DE has been chosen to receive Dayton Hamvention's Technical Excellence award for 2002. Mr. Waller, first licensed in 1961, combined his decades-long love for Amateur Radio and a burgeoning interest in the then-new Internet (1993) to design and manage the qsl.net and qth.net websites. Mr. Waller's websites have served the interests of tens of thousands of hams worldwide by providing technical references, email, and web page hosting services, and links to thousands of other sites. In the true spirit of the Amateur Radio Operator, Mr. Waller's initial work utilized "leading edge" experimentation to see "what can we do with this" and has developed into a mature, reliable mode of communication. Hamvention 2002 congratulates Alan Waller, K3TKJ for his Technical Excellence!

Banquet Menu

American Harvest Chef's Table
Caesar Salad, Roast Sirloin of Beef, Breast of Chicken, Roast Baby Red Potatoes,
Green Beans and Pearl Onion Medley, Fresh Baked Rolls and Whipped Butter
Chef's Sweet Table, Customary Beverages, including Soft Drinks.
C.O.D. Bar will be available.

The Hamvention Banquet will be held at the E.J. Nutter Center on Saturday evening. Doors open at 6:00 p.m. Dinner will be served beginning at 6:30 p.m. Bus service to the banquet will be provided from the KOA campground only. Directions to E.J. Nutter Center: Take I-675 to the North Fairfield Rd. exit. Turn north to the Nutter Center.

Do you know an outstanding amateur in your club, community, or from on-the-air contacts? Does this person excel in some phase of amateur radio? Do you feel this person deserves world-wide recognition? All amateurs are eligible – Novice through Extra. Awards are selected by the awards committee based on the information received.

Documentation is beneficial. Magazine articles, newsletters, newspaper clippings, videos, etc. will better inform the awards committee of your candidate's accomplishments. These materials become the property of DARA and cannot be returned.

Amateur of the Year

This is for the special person who has made a long term commitment to the advancement of amateur radio. We are looking for a well-rounded individual who has contributed to our hobby in some outstanding way.

Special Achievement

This is for the special person who has made an outstanding contribution to the advancement of amateur radio. This award is usually given to a respected amateur who spearheaded a single significant project.

Technical Excellence

This is for the person who has made an outstanding technical advancement in the field of amateur radio.

Name of nominee _____ Call _____

Address _____

City _____ State _____ Zip _____

Phone ( ) _____ Amateur club affiliation _____

How has this individual contributed to Amateur Radio ?

_____

_____

_____

_____

What else do you know about this individual ?

_____

_____

_____

_____

Your name (please print) _____ Call _____

Address _____

City _____ State _____ Zip _____

Phone: ☐ Day ☐ Evening ( ) _____ Your Signature _____

Send nomination to: Hamvention Awards Chairman
Box 964
Dayton, OH 45401-0964

Please feel free to duplicate this form.

Previous Award Winners

HAMVENTION 1952-2002 50 GREAT YEARS

AMATEUR OF THE YEAR

1955 - William C. Jenney, W8FYW; Westlake, OH
Benjamin S. Zieg, W9EHU, K4OQK; Atlanta,GA
1956 - Edmund C. Ryan, W8LRR; Mansfield, OH
1957 - Ralph Crammer, W8VHO; Columbus, OH
1958 - Rev. C. Lynn White, K4CC; Tavarres, FL
1959 - Harlow Lucas, W8QQ; Columbus, OH
1960 - Paul Wolfe, W8IVE; Cincinnati, OH
1961 - Ed Bonnet, W8OVG; Dayton, OH
1962 - Dana Cartwright, W8UPB; Cincinnati, OH
1963 - Chester Funk, K8EUF, K7ZKL; Phoenix, AZ
1964 - H. Ruble, W8PTF; Dayton, OH
1965 - Carl B. Snyder, W8ARW; Greenville, OH
1966 - Robert K. Caskey, W9DNQ; Indianapolis, IN
1967 - Jack Gray, W8JDV; Mason, OH
1968 - Elmer Schubert, W8ALW; Cincinnati, OH
1969 - Wayne Walters, W9DOG; Plainfield, IN
1970 - Kay Anderson, W8DUV; Huntington, WV
1971 - Al Michel, W8WC; Cincinnati, OH
1972 - Don C. Miller, W9NTP; Waldron, IN
1973 - Ray E. Myers, W6MLZ; San Gabriel, CA
1974 - Barry Goldwater, K7UGA; Scottsdale, AZ
1975 - Richard A. Daniels, WA4DGU; Arlington, VA
1976 - Joseph M. Hertzberg, N3EA; Bryn Mawr, PA
1977 - Rafael M. Estevez, WA4ZZG; Hialeah, FL
1978 - Frank Schwab, W8OK; Dayton, OH
1979 - George G. Batterson, W2GB; Rochester, NY
1980 - Wayne Overbeck, N6NB; Woodland Hills, CA
1981 - Eric C Shalkhauser, W9CI; Washington, IL
1982 - Robert G. Heil, Jr., K9EID; Marissa, IL
1983 - Katashi Nose, KH6IJ; Honolulu, HI
1984 - Dave L. Bell, W6AQ; Los Angeles, CA
1985 - John J. Willig, W8ACE; Sarasota, FL
1986 - Roy Neal, K6DUE; Woodlawn Hill, CA
1987 - Carole Perry, WB2MGP; Staten Island, NY
1988 - Bill Bennett, W7PHO; Seattle, WA
1989 - Bill Pasternak, WA6ITF; Saugus, CA
1990 - Stephen Mendelsohn; WA2DHF; Dumont, NJ
1991- John B. Johnston, W3BE; Derwood, MD
1992 - Richard Baldwin, W1RU; Waldoboro, ME
1993 - Harry Dannals, W2HD; Charlottesville, VA
1994 - Perry Williams, W1UED; Unionville, CT
1995 - Rosalie White, WA1STO; Newington, CT
1996 - William A. Tynan, Kerryville, TX
1997 - Leo I. Myerson, WØGFQ, Omaha, NE
1998 - Andrew J. Feldman, WB2FXN, Coram, NY
1999 - Kenneth M. Miller, K6IR, Rockville, MD
2000 - Marttie Laine, OH2BH, Espoo, Finland
2001 - George Jacobs, W3ASK, Silver Spring, MD

SPECIAL ACHIEVEMENT AWARD

1977 - South American Moonbounce (EME) Expedition Team of the Mt. Airy VHF Radio Club Inc., Philadelphia, PA
Elliott Weisman, K3JJZ, Anthony Sousa, W3HMU
S. William Olsan, W3HQT, Walter Bohlman, K3BPP
Daniel Mitten, WA3NFU, Socrates Martinez, WB3AFY
Bolmar Aguilar, WB3AOP
1978 - Ronald Moorefield, W8ILC
1979 - Edward Tilton, W1HDQ
1980 - Joseph Merdler N6AHU
1981 - Bill Pasternak, WA6ITF, Bill Orenstein, KH6IAF
1982 - Bruce Humphrys, KØHR
1983 - Lenore Jensen, W6NAZ
1984 - Ethel Smith, K4LMB
1985 - Judith Frye, KG8P
1986 - Rev. Michael Mullen, C.M., WB2GQW
1987 - Arthur Gentry, W6MEP
1988 - Fred Hammond, VE3HC
1989 - Phil Karn, KA9Q
1990 - Paul Thomson, KCØVG
1991 - Nate Brightman, K6OSC
1992 - Ned Raub, W1RAN
1993 - Robert Adams, WA9ZMO
1994 - Russ Kroeker, N7HGE
1995 - Ed Briner, WA3TVG
1996 - John Kraus, W8JK
1997 - Joseph J. Fairclough, WB8JKJ
1998 - John B. Bellows, Jr., KØQB
1999 - Paul D. Lieb, KH6HME
2000 - A. Prose Walker, W4BW
2001 - Frank Bauer KA3HDO

TECHNICAL EXCELLENCE AWARD

1984 - Lyle Johnson, WA7GXD
1985 - Richard Whiting, WØTN
1986 - M. F. (Doug) DeMaw, W1FB
1987 - Henry (Hank) Oredson, WØRLI
1988 - Lew McCoy, W1ICP
1989 - Byron Goodman, W1DX
1990 - Bob McGwier, N4HY
1991 - Lou McFadin, W5DID
1992 - Gerald Cromer, K4NHN
1993 - Dick Jansson, WD4FAB
1994 - Dick Newell, AK1A
1995 - Philip Ferrell, K7PF
1996 - William Orr, W6SAI
1997 - Al Ward, W85LUA
1998 - Robert E. Bruninga, WB4APR
1999 - Alfonso R. Torres, KP4AQI
2000 - Dr. H. Paul Shuch N6TX
2001 - Peter Martinez, G3PLX

Officers

President	Reuben Meeks, W8GUC
Vice President	Ron Moorefield, W8ILC
Secretary	Gary Descombes, N8EMO
Treasurer	Keith Marshall, AB8BD
Senior Trustee	Ken Allen KB8KE
Junior Trustee	Dave Coons, WT8W

Standing Committees

Activities .....Mike Buehler, N8XGA
Education .....Don DuBon, N6JRL
Hamvention .....Jim Graver, KB8PSO
Interference .....Ron Moorefield, W8ILC
Membership .....Monita (Moe) Clark, KC81GG
Stewardship .....John Szudlarek, KA8FGE
W8BI Trustee .....Reuben Meeks, W8GUC

Planning Council:

Senior Trustee .....Ken Allen, KB8KE
Junior Trustee .....Dave Coons, WT8W
1st Year .....Gary Descombes, N8EMO
2nd Year .....Ray Hines, W6QJN
3rd Year .....Mike Priest, KB8JUA

Special Committees

ARRL Liaison .....Ron Moorefield, W8ILC
Awards Manager .....Jeff Everetts, N8IBW
Bookstore .....Hazel Everetts, N8PTL
Emergency Coordinator ....Ernie Hudson, KI80
Fellowship .....Jan Hazelrig, K8JAN
Field Day .....Mike Buehler, N8XGA
Historian .....Susan Stacy, KG8X
Information .....Shirley Roberts, N8LX
Parliamentarian .....Joe Brassard, KA8C
Red Cross EOC .....Mike Buehler, N8XGA
RF-Carrier, Editor .....Susan Stacy, KG8X
Satellites .....Gerd Schrick, WB8IFM
Scholarship .....Gary Descombes, N8EMO
Sgt. At Arms .....Irish Coss, N8VVZ
Volunteer Exams .....Mike Arquilla, N8SD
W8BI Repeater Team:
Mike Arquilla N8SD
Glenn Hochwalt W8AK
Harry Covault .....KAGCS
Packet BBS .....Larry Apple, N8MYQ
Youth Programs .....Steve Coy, K8UD

Interested in becoming a DARA Member?

If you would like to join the Dayton Amateur Radio Association (DARA), go to Booth #1 (next to the Prize Booth) in the Hara Arena building.

DARA Scholarships

Since 1984, the Dayton Amateur Radio Association assists young amateurs heading to college by awarding scholarships. In 2001, $14,000 was distributed among nine students toward tuition at the school of their choice. The program is open nationwide to any FCC licensed amateur radio operator graduating from high school in the year the award is given. There are no restrictions on class of license or course of study. Scholarship applications for 2002 are available at the DARA Booth (Booth #1). The 2001 scholarship recipients are:

Daniel S. Cox, KC8IIGP (Technician), from Kettering, Ohio. Daniel has been accepted at Xavier University and plans to study in the field of English.

Jeffrey R. Doub KC810C (Extra), from Dayton, Ohio. Jeffrey has been accepted at Cedarville College and plans to study in the field of biology/pre-medicine. Jeffrey has been awarded the Frank Schwab Scholarship.

Candice M. Elliott, KC2DTE (Technician), from E. Freetown, New York. Candice has been accepted at State University of New York and will be studying in the field of elementary education. Candice has been awarded the Robert F. Zimmerman Memorial Scholarship.

Derek E. Floyd, KC5DBS (Technician), from Baird, Texas. Derek plans to attend Anselo State University in San Angelo and study in the field of biology.

Sara K. Hanna, KE6MWX (Techncian), from Willits, California. Sarah has been accepted at the University of California-San Diego and plans to study in the field of engineering. Sara has been awarded the Charles G. Fry Memorial Scholarship.

Frederick B. Hummler III, KB8WUI (Techncian), from Westerville, Ohio. Frederick has been accepted at Ohio State University and plans to study in the field of communications technology. Frederick has been awarded the John Willig Scholarship.

Joseph P. Malburg, KC8DFT (Techncian), from Stevensville, Michigan. Joseph plans to attend Saint Louis University and study in the field of biomedical engineering. Joseph has been awarded the L.T. Jones Memorial Scholarship.

Ryan P. McGaver, N9ARS (techncian), from Cudahy, Wisconsin. Ryan will be attending Milwaukee School of Engineering and studying in the field of mechanical engineering.

Victoria R. Morgan, KF4PNI (Techncian), from Athens, Alabama. Victoria has been accepted at the University of Montevallo and is studying in the field of teaching the hearing impaired. Victoria is the recipient of the Dave Beam Memorial Scholarship.

Entries for 2002 scholarships must be received by June 1, 2002. Information and application forms are available at the DARA Booth (Booth #1)
or write to:

DARA Scholarship Program
Gary Des Combes, N8EMO
9873 Lower Valley Pike
Medway, Ohio 45341
n8emo1@msn.com

All Forums will be held at the Hara Arena Complex

FRIDAY, MAY 17

8:15-10:00 PSK 31 ..... Room 1
Speaker: Steve Ford, WB8LMY from ARRL Headquarters
Topic: The Fascination of PSK31

10:15-12:30 TAPR/Digital Forum ..... Room 1
Speaker: 10:15-10:30 John Ackermann, N8UR, Introduction/State of TAPR
10:30-11:00 Brad Noblet, Digital Voice Developments
11:00-11:30 Steve Bible, N7HPR & John Koster, W9DDD, TAPR Project Update
11:30-12:00 Steve Dimse, K4HG, APRS Update (focus on findu?)
12:00-12:30 Steve Bible, N7HPR & John Ackermann, N8UR, Precision Timing Projects

12:45-3:45 Antenna Technology ..... Room 1
Moderator: Tim Duffy, K3LR
Speakers: Mike Martin, K3RFI, "Radio Frequency Interface Issues & Real Experience"
Jeff Briggs, K1ZM/VY2, "Pushing the Envelope on 160 Meters with Verticals"
Mike Wetzel, W9RE, "Construction of a 2 Element 80 Meter Yagi"
Steve Morris, K7LXC, "The 10 Most Common Tower Building Mistakes"
Jim Miller, K4SQR, "4 Square Configurations and Applications"

4:00-5:00 National Weather Service/NOAA ..... Room 1
Moderator & Speaker: Dennis McCarthy, K0WXF
The use of ground truth reports in the severe storm, flash flood, and tornado warning decision process, with special emphasis on the role of amateur radio. I will be drawing on experience from the May 3, 1999, Oklahoma tornado outbreak and on experience as the NWS assessment team leader for the May 30, 1998 tornado that destroyed the town of Spencer, SD.

8:15-9:15 Hallicrafters Collection International ..... Room 2
Moderator: Duane Fisher, W8DBF and Speaker: Alan Waller, K3TKJ
8:15-8:20 Welcome and introductory remarks by Duane Fischer, W8DBF
8:20-8:40 Alan Waller, K3TKJ, founder of qsl.net/qth.net
8:40-8:45 Introductory remarks by Duane Fischer, W8DBF
8:45-9:15 TBA

9:30-10:30 Collins Forum ..... Room 2
Moderator: Ken Evans, K4DU
Speakers: Jim Stafford, W4QO on "Why QRP" and George Dobbs, G3RJF on "QRP Construction for the Newcomer"

12:00-1:15 Kit Building Forum ..... Room 2
Moderator: Joe Eisenburg, K0NEB
Speakers: Martin F. Jue, K5FLU and Eric Swartz, WA6HHQ

1:30-3:00 Teacher's Workshop ..... Room 2
Moderator: Carol Perry, WB2MGP
Speakers: Dan Miller, K3UFG, "What the ARRL Can Do To Help Teachers"
Bill Pasternak, WA61TF, "The Young Ham of the Year Award"
Bob Rose, AA3RR, "Recruiting Tips for Young Hams"
Bob Heil, K6EID, "Exciting Demos in the Classroom"
Bob Grove, "Listening Outside the Ham Bands - What Else Can We Hear?
Carole Perry, WB2MGP, "High Motivational Techniques to use in the Classroom"

All Forums will be held at the Hara Arena Complex

FRIDAY, MAY 17 (continued)

3:15-5:00 Techniques of the Best Operators
Moderator: Mitch Stern, W1SJ
Speaker: Anthony Pazzola, W2BEJ on Techniques to Maximize Ham Radio Fun. Excellent FM Repeater Operation - Unlearn those Bad Habits; Emergency and Public Service Communications: The Basics, Equipment, Operating WTC 9/11/01; What Worked and What Didn't Work at Ground Zero; Using Contests to Sharpen Your Operating Skills.

8:15-9:15 Lightning Protection Forum ..... Room 3
Moderator/Speaker: Ron Cohen, K3ZKO brings 30 years of experience in the Two-Way Radio field performing grounding and lightning protection at remote mountain radio locations. Learn how to direct the lightning away from your equipment and house.

9:30-10:30 APRS Forum ..... Room 3
Moderator: Stan Horzepa, WA1LOU
Speakers: Bob Bruninga, WB4AP, Steve Dimse, K4HG, Keith Sproul, WU2Z, Mark Sproul, K B21CI
See our website for current APRS news: www.tapr.org/~wallou/2002/2002.html

10:45-11:45 GPS Forum ..... Room 3
Moderator: Gordon West, WB6NOA
Live, interactive GPS demonstration of how rescue workers pinpoint locations down to 1 foot radius. Learn all about Differential GPS accuracy and find out which HT manufacturer may build GPS into their radios.

12:00-1:30 Amateur Radio and the Law ..... Room 3
Moderator: Jim O'Connell, W9WU, ARRL VC
Speakers: Chris Imlay, W3KD, ARRL General Counsel; Fred Hopengarten, K1VR, ARRL VC, Tim Ellam, VE6SH, VP Regulatory Affairs, RAC, Jay Bellows, K0QB, VC and Director Dakota Div.
Topic: "Getting It Up and Keeping It Up" A forum discussion by amateur radio attorneys on legal issues of interest to hams: How to avoid restrictive covenants, present your case for a tower permit, and the latest court rulings on RFI, PRB-1 and towers.

1:45-2:45 YLRL ..... Room 3
Speakers: Kay Eyman, WA0WOF, YLRL President, and Jeanie Parker, WA6UVF, YLRL Vice-President

3:00-4:00 ARES
Moderator: Larry Rain, WD8IHP, Ohio Section SEC
Speaker: Paul Reid, FEMA

4:15-5:00 NFCC Forum ..... Room 3
Moderator: NFCC President, Nels Harvey, WA9JOB
Speakers: Dick Isely W9GIG, Owen Wormser K6LEW

8:15-9:15 Proper Grounding Techniques ..... Room 4

9:30-10:30 Hi-Fi SSB Forum ..... Room 4
Moderator: Izumi Soma, KH6JA
Speakers: Jim Suzuki, JA1AEA, Masao Kato, JA1ENG; Ikuo Kagawa, JA3WAO
Interpreter: Matt Komatsuzawa, JH1EHO; Program Introduction: KH6JA, PSN Pitch Shifter, JA3WAO Circuit Considerations for HiFi SSB: JA1AEA, JA1ENG External Equipment: Guest Speaker

All Forums will be held at the Hara Arena Complex

FRIDAY, MAY 17 - continued

10:45-12:15 AM Forum ..... Room 4
Moderator: Don Chester, K4KYV
Speaker: Andy Howard, WA4KCY, A pictorial review of the design, construction, and operation of the culminating project of an AM homebrewer's career.

12:30-1:30 Novel Techniques in Emergency Communications ..... Room 4
Moderator/Speaker: Ron Hashiro, AH6RH

1:45-2:45 RF Safety ..... Room 4
Moderator: Gregory D. Lapin, PhD, PE, N9GL, Chairman ARRL RF Safety Committee
Speaker: Edward F. Hare, Jr., W1RFI, Laboratory Director ARRL
Topic: How Do We Know What Is Safe? Greg Lapin will discuss what has been studied in the scientific world to arrive at an RF exposure safety standard for all of us. He will examine what has been done well and what still needs to be clarified. He will also try to answer the question, "How should we react to the regularly released news that RF has been found to be dangerous."
Topic: How Do We Keep our Stations within the Safety Limits? Ed Hare will show how an RF exposure assessment is performed for your station. He will show how easy the process is and show how to comply with FCC regulations. Should your station be found to exceed the exposure limits, he will discuss some simple ways that you can decrease exposures to yourself, your family, and your neighbors, while in most cases, still being able to operate full legalpower.

3:00-5:00 County Hunters ..... Room 4

SATURDAY, MAY 18

8:15-9:45 AMSAT Forum ..... Room 1
Moderator: Part 1, Robin Haighton VE3FRH, President AMSAT
Speakers: Ed Krome, K9EK, "Receiving AO-40 2.4 GHZ transmissions" and Mark Kanawati, N4TPY, "The New AMSAT Satellite "ECHO".
Moderator: Part 2, Frank Bauer, KA3HDO
Speakers: Two current astronauts talk about their experiences on the International Space Station and the use of Ham Radio on ISS.

10:00-12:00 FCC Forum: An update on what's going on at the FCC ..... Room 1
Moderator: Riley Hollingsworth, K4ZDH and Bill Cross, W3TN

12:15-2:30 ATV Forum ..... Room 1
Moderator: Bill Parker, W8DMR
Speaker: Chris Cieslak, KC9L: "R/C ATV; Quick, Easy, Fun, and Useful", Why combining radio control and ATF is good for both club and public service events. How to do it. Actual demonstrations of an RC ATV vehicle employing a 70 CM FM wireless video link.
Speaker: Steve McVoy, "The Early Television Museum" President & Curator: History of the early television, preservation of early TV receivers, demonstration of the Baird Televisor.

2:45-5:00 SSTV Forum ..... Room 1
Moderator: Dr. Don C. Miller, W9NTP
Speaker: Dr. Ralph Taggert, WB8DQT. How a beginner can get started in SSTV and a review of a new ARRL book on image transmission.
Speaker: Barry Sanderson, KB9VAK. An up-to-date look at improvements in High Definition SSTV (HDSSTV)

All Forums will be held at the Hara Arena Complex

SATURDAY, MAY 18 - continued

Speaker: Hank Cantrell, W4HTB, The next 10 years of SSTV from the International Space Station (ISS)

8:15-9:15 Drake Forum .....Room 2
Moderator: Don Spillman, W8NS
Speaker: Sindre Torp, LA6OP, world's largest collector of Drake equipment. Slide presentation.
Speaker: Jeff Covelli, well known for his repair work on Drakes.
Speaker: Riley Hollingsworth, K4ZDH, of the FCC will give an update on enforcement.
Raffle: Drake TR5 transceiver with PS7 power supply.

9:30-10:30 RTTY .....Room 2
Moderator: Frank Fallon, N2FF, ARRL Hudson Division Directory, who has been in RTTY contests since 1965.
Speakers: Speakers will be Don Hill, AA5AU, recognized master of the multi radio art leads off telling us how he does it. Tyler Stewart, K3MM, will tell us how he turns in the big SO2R score using WF1B's program. Gerry Jankowitz, NO2T, will tell us how he manages with high power using stubs and filters. John Fleming, WA9ALS, a confessed neophyte, will explain the problems newcomers face.

10:45-12:45 Youth in Amateur Radio
Moderator: Carol Perry, WB2MGP
Speakers: Ali Houston-Ludam, KB3EZL, (11) Maryland, "Experiences for Youth in FieldDay."
Ryan Rose, K3RLR, (12) Maryland, "Experiences in Creating A Kids' ARC."
Chris Carper, KB9ZIG (11), Indianapolis, "2 Meter Traffic Nets for Kids."
Lindy Dobbins, KC9ACH (14), Indianapolis, "Internet E-mail Groups for Young Hams."
Chris Avery, KC0KTH (15), Colorado, "Communications with the South Pole.
Kathryn Kiefhaber, KC0JWZ (14), Colorado, "Field Day 2001 and How It Changed My Life."
David Stearns, KC0DDR (13), Colorado, "Computers and Ham Radio."

1:00-4:00 VHF/UHF Microwave Forum .....Room 2
Moderator: Steve Coy, K8UD
Speaker: 1:00 Bob Spratt, N8TVU, Tri-State Search and Rescue. Bob has a communication van with over 37 radios. He can perform frequency changes to most radios for any frequency that is required.
Speaker: 1:30 Joe Taylor, K1JT, High Speed CW Software WSJT. With the recent meteor shower, many new hams are looking into this new area. Talks will be covering the new WSJT or real time high speed CW program and interface.
Speaker: 2:00 Yagi's, Cheap, Kent Britian, WA5VJB. An update on new Yagi designs covering 144-1296 MHz and still keeping the costs down.
Speaker: 2:30 Sam Jewell, G4DDK, Amateur Microwave Activity in the UK. An outline of the current activities on the higher bands with reference to the harmonized European Common Allocation Table (ECAT). The talk will include microwave DX, ATV, and satellite. Sam is the co-founder of the UK Microwave Group and has written many articles which are in the RSGB Microwave Group.
Speaker: 3:00 Bruce Clark, K0YVVW, "1296 EME, Avoiding the Pitfalls." Eme problems, no problem! A "how-to approach" on solving problems before they occur.
Speaker: 3:30 Owen Nelson, W6LEW, The K8GP Contest Station. Covering several VHF/UHF contests from overing to multiop stations. Several hints on how to operate, location, location, location, and good scheduling with a good crew.

All Forums will be held at the Hara Arena Complex

SATURDAY, MAY 18 - continued

4:15-5:00 Ten Ten International .....Room 2
Moderator: Gerry Gross, WA6POZ, Data Manager, 10-10 International Net, Inc.
Speakers: Chuck Imsande, W6YLJ, President, 10-10 International Net, Inc. and Keith Schlottman, KR7RK, Treasurer, 10-10 International Net, Inc.

8:15-9:45 ARRL Forum .....Room 3
Moderator: George Race, WB8BGY, Director Great Lakes Division
Speakers: David Sumner, K1ZZ CEO; ARRL Jim Haynie, W5JPB, President ARRL, Gary Johnston, KI4LA, Vice Director Great Lakes Division

10:00-11:30 The Inside Workings of the National Hurricane Center in Miami .....Room 3
Moderator: John McHugh, KU4GY
Topic: A presentation that describes the volunteer public service work of the gang at W4EHW, and details of two exciting projects called CARMEN and CWOP.

11:45-12:45 Emergency HF Whips and Auto Couplers .....Room 3
Moderator: Gordon West, WB6NOA
Topic: How to get an HF after a big "event!" 5 minutes or less using whips and wreckage as grounds. Learn about the latest small breakdown HF whips plus tiny auto couplers and internal battery operated HF radios for "First-In" responders. Live Demos.

1:00-3:00 Newsline's Live Town Hall Meeting .....Room 3
Moderator: Bill Pasternak, WA6ITF
Topic: Ham Radio Emergency Communications in the 21st Century: Looking to apply what we have learned in the past.
Speaker: Harold Ort, N2RLL, Editor, *Popular Communications* Magazine. Reaching Out and Involving Everybody: A look at the "big picture" of emergency response that involves all personal radio operators including Amateur Radio, FRS, CB, GMRS, Marine and others and what each has to offer.
Speaker: Steve Mendelsohn, W2ML, ARRL Hudson Division Vice Directory and volunteer NY City Marathon Communications Director. A look at how ham radio fits into the current and future scheme of Public Service and Emergency Reponse communications.
Speaker: Marv Michnik, N9SXS, the Deputy Director of Maine Township (Chicago) IL. E.M.A. has been successful in establishing a ham radio emergency communications system across Northern Cook County. In his first speaking appearance at the Town Meeting, he reveals the secrets of how it was done.
Speaker: David Black, KB4KCH. A short video presentation by David Black and First Frame Video Inc. on the highly successful ALERT-Alabama emergency communications system (Videotape Presentation).
Speaker: Joe Tomasone, AB2M, Tampa, FL. Using the Internet to Support Emergency Communications. Joe has involved himself heavily in emergency communications, serving in various roles in ARES, RACES,, and SKYWARN. Following the events of 9/11, it was AB2M who solved the problem of registering ham radio volunteers and he did it using the Internet.
Speaker: Richard Rudman, W6TIAA, The EAS and Ham Radio Emergency Communications. National Chair of Congressional EAS Advisory Committee in a presentation on the Emergency Alert System and the way ham radio can utilize this service (possible videotape presentation).
Speaker: Jim Meachen, ZL2BHF, former NZART President. International-Emergency Communications Based on Club Interaction: Jim flies in from "down under" to tell us the way ham radio emergency preparedness works in New Zealand.

All Forums will be held at the Hara Arena Complex

SATURDAY, MAY 18 - continued

Speaker: Joe Schroeder, W9JUV. Supporting Our Sophisticated Emergency Back-Up Communications System: Any emergency response requires that someone eventually pay the bill. Where does the money to do it come from? Joe knows and after this session, so will you!

3:00-3:30 Wedding! ..... Room 3

3:30-5:00 MARS Forum ..... Room 3
Moderator: Ray Collins, Chief, USAF MARS
Speakers: Robert L. Sutton, N7UZY, Chief Army MARS, Bo Lindfors, N9UH, Chief, Navy Marine Corps. MARS; Guest Speaker: John E. Saenz, LTC, USA HQ, USASC, The Homeland Connection.

8:15-9:15 MidCars Forum ..... Room 4
Moderator: Tex Martin, KE8SQ, Director of the MidCars net.
Speaker: Joe Phillips, K8QOE, Ohio section director for the ARRL Great Lakes Division.
Topic: The importance of Mobile to Mobile and Mobile to Base communications during emergencies.

9:30-10:30 Fox Hunting ..... Room 4
Moderator: Dick Arnett, WB4SUV, Bob Frey, WA6EZV
Speakers: Brian DeYoung, K4BRI, Ernie Howard, W8EH, Terry Hudson, KT9V.
Topic: Latest equipment in fox hunting. Mods to the IC706 for fox hunting. Eighty meter hunting. ARDF.

10:45-1:45 DX Forum ..... Room 4
Moderator: Bob Eslaire, W9UI
Speakers: Wes Lamboley, W3WL and Bob Allphin, K4UEE - Microlite Expeditions to the South Sandwich and South Georgia Islands."
Dennis Motschenbacher, K7BV/1 - "Timor Lorasae - Memories Beyond the ..... Pileups"
Oms Atilano, PY5EG - "Trindade 2002 - PWOT"
Eric Scace, K3NA - "VK9ML Mellish Reef"

2:00-5:00 Contesting Forum ..... Room 4
Moderator: Doug Grant, K1DG
Speakers: Rich Gelber, K2WR, Bob Whelan, G3PJT, Mark Beckwith, N5OT, Wayne Mills, N7NG, Dennis Motschenbacher, K7BV.

SUNDAY, MAY 19

8:30-10:00 ARRL Forum ..... Room 1
Moderator: Jeff Reinhardt, AA6JR, ARRL National PR Committee Member.
Speakers: Diane Ortiz, K2DO, ARRL Naitonal PR Committee Chairman; Rich Moseson, W2VU, ARRL National PR Committee Member; Jim McDonald, KB9LEI, ARRL National PR Committee Member; Jack Sovik, KB8WPZ, Ohio Public Information Officer and professional newspaper reporter.
Topic: This informative session will cover the many public relations issues hams face when emergency strikes. Hear how one Public Information Coordinator handled the press after September 11th in New York City. Learn the best way to work with emergency service personnel on behalf of Amateur Radio. These topics and more are on the agenda. Please join us! Telling the Amateur Radio story matters. Door prizes to be awarded.

All Forums will be held at the Hara Arena Complex

SUNDAY, MAY 19 - continued

10:15-12:00 Digital Voice Modes - Transmitting Digitized Speech .....Room 1
Discussions and live audio demonstrations of the hottest new mode in Amateur Radio - digital voice and its uses, from rag-chewing to emergency communications. A Q&A session will follow speakers.
Moderator: Doug Smith, KF6DX, ARRL. History of digital voice modes; goals, advantages, and disadvantages of digital voice; voice-quality evaluation; CVSD systems; overview of current techniques.
Speakers: Charles Brain, G4GUO and Andy Talbot, G4JNT. Protocols and coding, hardware and software for digital voice; error detection and correction; AMBE.
Speaker: Gary Barbour, AC4DL. Modem design for digital voice; performance goals, software issues, timing and SNR requirements for high-speed data communications.
Speaker: Harold Reasoner, K5SXK. Digital voice standards for public-service communications, APCO25 in Amateur Radio; performance, repeater operation; digital squelch, group calling, and other ancillary features.
Speaker: Cedric Demeure, Thales Broadcast and Multimedia. Digital audio broadcasting, international standards, occupied bandwidth and audio quality.

8:30-9:30 Bicycle Hams of America .....Room 2
Moderator: Mike Nickolaus, NF0N
Speakers: Russ Swarshuis, KB8U and Jim Gumbert, NC8Y

9:45-10:45 The Listening Forum .....Room 2

11:00-12:00 "070" Club and the DXP Award .....Room 2

8:30-10:00 HF Mobile: Dealing with the Installation Problems .....Room 3
Speakers: Bill Gilmore, WB8FPQ, EMC and electrical engineer, truck platform group, Daimler-Chrysler Corporation.
Bob Ripley, W6OSM, Austin Radio Labs, Certified EMC test engineer, specializing in wireless compliance testing and meteorology.
Brad Rehm, PhD, KV5V, EMC engineer, Professional Testing (EMI), Inc. Round Rock, TX, specializing in wireless and automotive EMC compliance testing and remediation.
Topics: Proper ways to obtain equipment power; How to install equipment and wiring and not interfere with the vehicle electrical system; What are the radio noise sources on modern vehicles; How can radio noise be suppressed without affecting the vehicle or warranty; How to choose ferrite materials and design suppression devices.

10:15-12:00 Radio & TV Interference: Causes & Cures .....Room 3
Moderator: Judy Moriarty
Speaker: Dennis Moriarty, K8AGB

8:30-10:00 SATERN (Salvation Army Team Emergency Radio Network) .....Room 4
Topics: SATERN andWTC Communication; SATERN Coordinators Meeting; The future of SATERN and the Salvation Army.

10:15-12:00 The Los Alamos Cerro Grande Fire, Lessons Learned .....Room 4
Speaker: Dr. David Holtkamp, K5KH

If you have an idea for a forum or would like to Moderate a Forum at our 2003 Hamvention®, please stop by the Forums Office during the show and fill out the request form or send an email request to:

Jim Ebner N8JE, Hamvention® Forums Chairman • forums@hamvention.org

—Forums

FRIDAY, MAY 17

TIME	ROOM 1	ROOM 2	ROOM 3	ROOM 4
8:00 a.m.				
9:00 a.m.	PSK 31 8:15-9:45	Hallicrafters Collections Int. 8:15-9:15	Lightning Protection 8:15-9:15	Grounding Techniques 8:15-9:15
10:00 a.m.	TAPR/Digital 10:00-12:30	Collins 9:30-10:30	9:30-10:30 APRS	Hi-Fi Single Sideband 9:30-10:30
11:00 a.m.		QRP 10:45-11:45	Gordon West, WB6NOA 10:45-11:45	AM 10:45-12:15
12:00 noon		Kit Building 12:00-1:15	12:00-1:30 Amateur Radio & the Law	Novel Techniques in Emrgcy. Comm. 12:30-1:30
1:00 p.m.	Antenna Technology 12:45-3:45	Teacher's Workshop w/ Carole Perry WB2MGP 1:30-3:00	YLRL 1:45-2:45	RF Safety 1:45-2:45
2:00 p.m.				
3:00 p.m.		Techniques of Best Operators 3:15-5:00	ARES 3:00-4:00	County Hunters 3:00-5:00
4:00 p.m.	NWS & NOAA 4:00-5:00		NFCC 4:15-5:00	
5:00 p.m.				

SATURDAY, MAY 18

ROOM 1	ROOM 2	ROOM 3	ROOM 4
AMSAT 8:15-9:45	Drake 8:15-9:15	American Radio Relay League 8:15-9:45	Mid-Cars 8:15-9:15
FCC w/ Bill Cross & Riley Hollingsworth 10:00-12:00	RTTY 9:30-10:30	Inside Workings of Nat'l Hurricane Ctr. 10:00-11:30	Fox Hunting 9:30-10:30
ATV 12:15-2:30	Youth in Amateur Radio w/ Carole Perry, WB2MGP 10:45-12:45	Gordon West 11:45-12:45	DXing 10:45-1:45
SSTV 2:45-5:00	VHF/UHF Microwave 1:00-4:00	NewsLine's Live Town Hall Meeting w/ Bill Pasternak 1:00-3:00	Contesting 2:00-5:00
	Ten-Ten International 4:15-5:00	MARS w/ Ray Collins, Chief, USAF 3:30-5:00	

SUNDAY, MAY 19

ROOM 1	ROOM 2	ROOM 3	ROOM 4
ARRL 8:30-10:00	Bicycle Hams 8:30-9:30	Mobile Installation Problems 8:30-10:00	SATERN 9:00-10:00
Digital voice modes involve digitizing speech... 10:15-12:00	Listening Forum 9:45-10:45	Radio & TV Interference Causes/Cures 10:15-12:00	Los Alamos Cerre Grande Fire: Lessons Learned 10:15-12:00
	070 Club & DXP Award 11:00-12:00		

Schedule is subject to change.

HAMVENTION
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50 GREAT YEARS!

The Dayton Hamvention® is proud to present an outstanding array of prizes for Hamvention 2002. Our donors include both show exhibitors and companies associated with Amateur Radio.

Prizes will be awarded hourly from 11:00 a.m. Friday until 12:00 noon, Sunday. Please check the monitors located throughout the complex for winning ticket numbers.

The drawing for the Main Prize will begin at approximately 1:00 p.m. Sunday in the Main Arena. You do not have to be present to win at this prize drawing. Main Prizes listed below, if not claimed by winner, will be shipped.

Top 10 Prize Contributors for 2002

1. Yaesu
2. Kenwood
3. Icom
4. Belden Wire & Cable
5. Mini-Circuits
6. ARRL
7. Gerstner & Sons
8. Alinco/ATOC
9. M-2 Antenna
10. Maxrad Inc.

Main Prizes

Yaesu MK-V FT-1000MP HF XCVR

Icom IC-756 Pro II HF & 6 Mtr Xcvr

Icom IC-746 Pro HF Xcvr

Kenwood TX-570SG HF & 6 Mtr Xcvr

Icom IC-706 MXIIG HF, 6 Mtr, 2 Mtr, 440 Mhz

Yaesu VR-5000 .1 M-2.65 Gig Rcvr

Icom IC-718 HF Xcvr

Kenwood TM-742AD 2 Mtr/440 Mhz

Kenwood TMD-700A 2 Mtr/440 Mhz

Icom IC-3R Rcvr

Other Prizes

10-10 International . . .AN/10/10ans by LB Cebik Authogph

Alinco . . . . . .ATOC Amateur Dist. DR-135-TG

Alinco . . . . . .ATOC Amateur Dist. DR-235-TG

Alinco . . . . . .ATOC Amateur Dist. DR-435-T

ARRL . . . . . .2002 Radio Amateurs Handbook

ARRL . . . . . .2002 Leather Operating Manual

ARRL . . . . . .Leather Antenna Book

ARRL . . . . . .ARRL Antenna Book

Amateur Aces, Inc. . . . . .Hands Free Manifier

Amateur Aces, Inc. . . . . .Call Book CD Rom

Amateur Aces, Inc. . . . . .Call Book CD Rom

Bearcat Radio Club . . . . .Sub. Nat'l. Comm. Mag.

Belden Wire & Cable . . . . . .250' 7810 RG-8

Bencher . . . . . .HFR Butternut Vertical

Cushcraft . . . . . .MA5V Antenna

Cushcraft . . . . . .R8 Antenna

Cushcraft . . . . . .124 WB

CWS Bytemark . . . . . .W2FM1 Hi Power

Gerstner & Sons . . . . . .Tool Chest Comb Unit

Ham Maps . . . . . .Ultimate DX 36x24 Laminated Wall Maps

Heil Sound Ltd. . . . . .Pro Set 4 Headset

Heil Sound Ltd. . . . . .HM-10 Dual Mikes

Ham Radio Outlet . . . .ARRL 2002 HC Handbook

Ham Radio Outlet . . . . . .QRZ CD Rom Ver. 18

Hi-Q-Antennas . . . . . .Stealth II .-4/80 HF Mobile Antenna

ICOM AMerica . . . . . .IC-TZH Sport 2 Mtr. Ht.

ICOM America . . . . . .IC-V8, 2 Mtr. Ht.

ICOM America . . . . . .IC-Q7A, 2 Mt/70 Cm Ht.

ICOM America . . . . . .IC-T7H 2mt/70 cm ht

ICOM Aerica . . . . . .IC-V800 Dual Bd. Mobile

ICOM America . . . . . .IC-207H Dual Bd. Mobile

ICOM America . . . . . .IC-718 HF XCVR

ICOM America . . . . . .IC-706MKIIG HF XCVR

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Kenwood . . . . . .TH-G71A Dual Band Ht.

Kenwood . . . . . .TH-D7A(G) Dual Band Ht/Mc

Kenwood . . . . . .TH-F6A 144-220-440 Ht.

Kenwood . . . . . .TMM-261A 2 Mtr Mobile

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Kenwood . . . . . .TM-V7ASK 2 Mtr/440 Mobile

M-2 Antenna System . . . . . .FG6M3K 50-50 Mhz.

M-2 Antenna Systems . . . . .FG44018 420-453 Mhz.

M-2 Antenna Systems FGBB432WRK70CM

MAHA Energy MH-C777PLUS

MAHA Energy . . . . . .MH-C204F-4AA18+

MAHA Energy MH-4A180

MaxRad Inc. . . . . .MDBI444, 144/440 2db chr.

MaxRad Inc. . . . . .BMLPV430 Low Pro Vert 430

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MaxRad Inc. . . . . .BG G1253AU, CR FL259 Bk

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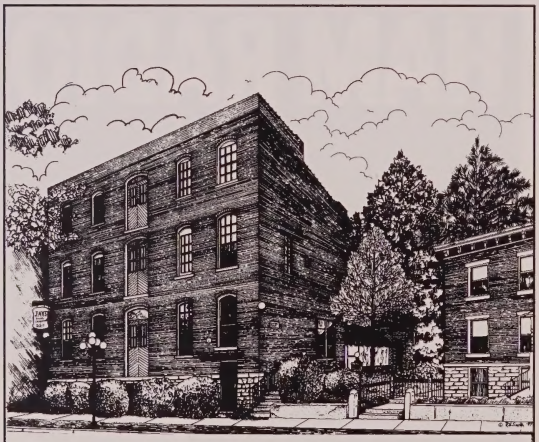

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ICOM

BASE STATION RADIO BAND PLAN

Under restructuring all HF classes retain band privileges as indicated. ***General Class now 5 WPM!***

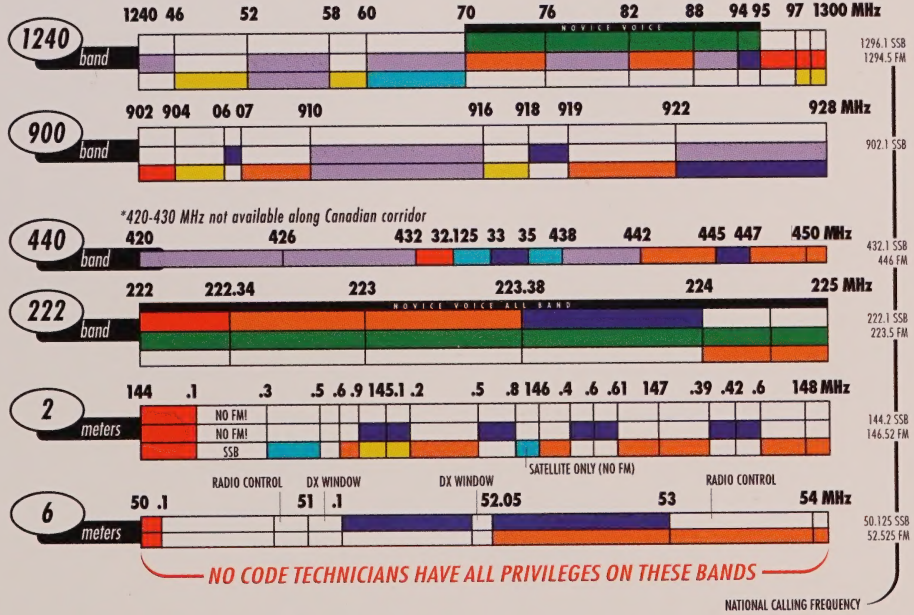
See Our Booths: #33-37, #562, #589

UHF/VHF

- NOVICE VOICE AND DATA*
- AMATEUR TELEVISION FAST SCAN
- SATELLITE (NO FM)
- CW AND WEAK SIGNAL (NO FM)
- DIGITAL
- FM SIMPLEX
- SSB
- FM REPEATER

*Grandfathered

All old & new license classes retain their operating privileges after April 15, 2000.


1240 band
1240 46 52 58 60 70 76 82 88 94 95 97 1300 MHz
NOVICE VOICE
1296.1 SSB
1294.5 FM
900 band
902 904 06 07 910 916 918 919 922 928 MHz
902.1 SSB
*420-430 MHz not available along Canadian corridor
440 band
420 426 432 32.125 33 35 438 442 445 447 450 MHz
432.1 SSB
446 FM
222 band
222 222.34 223 223.38 224 225 MHz
NOVICE VOICE ALL BAND
222.1 SSB
223.5 FM
2 meters
144 .1 .3 .5 .6 .9 145.1 .2 .5 .8 146 .4 .6 .61 147 .39 .42 .6 148 MHz
NO FM!
NO FM!
SSB
144.2 SSB
146.52 FM
SATELLITE ONLY (NO FM)
RADIO CONTROL
DX WINDOW
DX WINDOW
RADIO CONTROL
6 meters
50 .1 51 .1 52.05 53 54 MHz
50.125 SSB
52.525 FM
NO CODE TECHNICIANS HAVE ALL PRIVILEGES ON THESE BANDS
NATIONAL CALLING FREQUENCY

IC-910H

FM, FM-N, SSB, CW/**2M, 440, 1240**

IC-706MKIIG

AM, FM, SSB, CW, RTTY/**HF, 2M, 6M, 440**

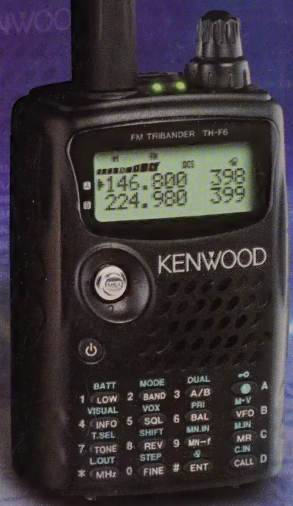
IC-746PRO

AM, FM, SSB, CW, RTTY/**HF, 2M, 6M**

Band Plan is continued on back inside cover

Airwave Superiority

5 Watts / All Bands



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- Triband (144/220/440 MHz)
- Receives 2 frequencies simultaneously even on the same band
- 0.1~1300MHz high-frequency range RX (B band)
- FM/FM-W/FM-N/AM plus SSB/CW receive
- Bar antenna for receiving AM broadcasts
- Special weather channel RX mode
- 435 memory channels, multiple scan functions
- 7.4V 1550mAh lithium-ion battery (std.) for high output[2] and extended operation
- 16-key pad plus multi-scroll key for easy operation
- Built-in charging circuitry for battery recharge while the unit operates from a DC supply
- Tough construction: meets MIL-STD 810 C/D/E standards for resistance to vibration, shock, humidity and light rain
- Large frequency display for single-band use
- Automatic simplex checker
- Wireless remote control function
- Battery indicator
- Internal VOX
- MCP software

[1] Note that certain frequencies are unavailable. [2] 5W output

"Specifications subject to change without notice."

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